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Pricing

Please call for pricing on all items. Formal quotations for products are furnished upon request and price quotations shall automatically expire in thirty (30) days. All pricing is subject to change.

Catalog Products

Please note that items included in our catalog represent only a fraction of the products that Texas Meter & Device Company offers. If a non-inventory or specialty part not listed in the catalog is needed, call us for price and availability. We can provide many products obtainable from any of the manufacturers listed in the catalog.

Technical Support

Our experienced sales personnel in both customer service and field sales serve as technical support representatives. These professionals have decades of experience and are continually involved in product education as new product lines are added or new products are expanded for existing product lines. The TMD staff of field sales have hands on product experience and knowledge in their respective fields. These sales professionals are consider subject matter experts in the electric industry.

Product Quality Assurance

At TMD, we define Quality Assurance (QA) to be goods and services that exceed our customers' requirements and expectations, and are provided in the most reliable and cost-effective manner possible.

Warranty

Manufactured products are warranted by the manufacturer to the original user against defects in material and workmanship under normal use and proper installation for a standard 1 year after date of manufacture. Some products listed offer a 3–5 year warranty by the manufacturer. The seller's sole obligation under this warranty is limited to repairing or replacing. This warranty will not apply to any product that has been subject to abuse, accident, misapplication or negligence. Warranty will not apply to altered products, or products repaired by someone other than seller.

Credit Card Orders

We accept VISA, MasterCard and American Express.

Payment Terms

With an established open account, terms are Net 30 days from date of invoice. If you would like to establish an open account with TMD, please request a credit application. Applications are processed immediately and with good reference response, open account can be established within one week.

Taxes

All buyers within the State of Texas, and Louisiana, are considered taxable, and tax will be added to purchase, unless a Tax Exempt Certificate or Resale Certificate is provided to TMD prior to purchase. The Tax Exempt Certificate or Resale Certificate will remain on file and customer is expected to notify TMD if there is a change in tax status.

Freight Policy

Unless other arrangements are made, all shipments are F.O.B. shipping point. It is the customer's responsibility to inspect the received order and report any damage to delivering carrier and to file resulting claims if necessary. Any discrepancy in shipment quantity must be reported to TMD, within 7 – 10 days after delivery. Shipping charges will be prepaid and added to the invoice. Method of shipping is primarily UPS Ground, FedEx Ground, or FedEx Freight, but can be any other carrier or Freight Company upon request.

Return Policy

Please contact customer service to obtain a returned material authorization (RMA) number. Our receiving department cannot accept a return without a proper number. Products must be returned within 30 days of receipt of goods. Returned goods are subject to a 25% restocking fee. All returns are subject to inspection and may be rejected if not in resaleable condition.

Testing

Products TMD Tests:

- **Insulated Rubber Gloves**
- **Insulated Rubber Sleeves**
- **Insulated Rubber Blankets**
- **Insulated Rubber Line Hose/Hoods**
- **Insulated Rubber Matting**
- **Insulated Covers**
- **Insulated Overshoe Footwear**
- **Insulated Plastic Guards**
- **Portable Grounding Jumpers**
- **Hotsticks**
- **Insulated By-Pass Jumpers**

High-Voltage PPE Testing Services

Texas Meter & Device Company is one of the nation's leading providers of high voltage PPE testing services. For nearly 40 years, electric utilities, linemen and electrical workers have put their trust in TMD to test the PPE that keeps them safe while on the job. As a founding member of North American Independent Laboratories (NAIL), TMD has continuously maintained a NAIL laboratory accreditation ensuring compliance with ASTM standards and the very highest quality of service.

TMD's new high-voltage PPE testing laboratory features the most advanced test equipment available to the industry, and gives TMD the ability to efficiently process and test large volumes of all types of PPE.

TMD has successfully provided testing and change out services of gloves, sleeves, line hose, hoods, blankets, hot sticks, guards, covers, grounds, and jumpers for investor-owned utilities, electric cooperatives, municipal utilities, government agencies and private companies for over 36 years.



In addition to testing services, TMD is also a leading supplier of PPE, tools and safety equipment from Salisbury; as well as other manufacturers, and maintains a very large stock of PPE ready for testing and shipment.

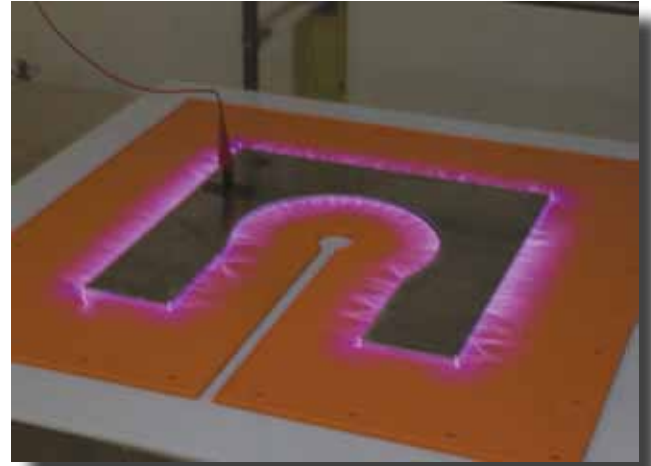
TMD offers a range of highly customized change out and testing programs, from turn key programs and inventory management to basic on-demand testing. Each program is uniquely designed to work with the utility's operational constraints and objectives and insures compliance with

safety requirements while minimizing the expense and logistical challenges of periodic testing.





Grounds Testing



Dielectric Slotted Blanket Testing



Hot Stick Testing



Linehose Testing



Testing Centers

SALISBURY

by Honeywell

**KUNZ GLOVE
COMPANY INC.**

SINCE 1900



Insulated Rubber Goods

In this section:

- **Insulated Rubber Gloves**
- **Leather Protectors**
- **Insulated Rubber Sleeves**
- **Insulated Rubber Blankets**
- **Insulated Rubber Line Hose/Hoods**
- **Insulated Rubber Matting**

Electriflex™ Gloves

with Flex Technology

Rubber insulating gloves are among the most important articles of personal protection for electrical workers. Salisbury is now featuring their next generation gloves, Electriflex™, with ergonomic features that are enhanced by the new formula to provide greater flexibility and dexterity.

Features & Benefits:

Ergonomic Improvement

- Improved Flexibility equals reduced hand fatigue
- Improved Comfort equals improved worker performance

Performance Enhancement

- Optimum Performance equals gloves longevity as exhibited in multiple cycle dielectric testing

Quality Assurance

- Made in the USA equals consistent superior quality and delivery

The flexural modulus is the force needed to bend a rubber film and the opposing force as the film recovers to its original shape. A flex tester is being used to test a sample from an Electriflex™ glove. In this test, a standard-sized sample is centered between two opposing platforms of a known distance apart. A probe is programmed to travel at a set speed, pushing the film downward for a known distance for which the force is measured in pounds per square inch (psi) of stress. The probe then at a known rate returns to its original up position, while measuring the force of the film pressing against it as the film returns to its original position. This is recorded as the strain in millimeters (mm). This motion is intended to simulate the stress of closing the fist with the glove on and strain of the glove trying to revert to its original shape and opening the hand.



Electriflex™



Standards Information

ASTM D120-09

Standard specification for rubber insulating gloves

Electriflex™ Gloves

with Flex Technology

Electrical Specifications				
Class	AC Proof Test Voltage, rms, V	DC Proof Test Voltage, rms, V	Maximum Use Voltage 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 1 Natural Rubber Not resistant to Ozone
Tensile strength, min	2,500 psi
Tensile stress at 200%, max	300 psi
Ultimate elongation, min	600%
Tension set, max at 400%	15%
Tear resistance, min	120 ldf/in
Puncture resistance	100 lbf/in
Hardness, shore A max	47
Accelerated aging 70 +/- 2°C 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.
3*	0.060-0.115 in.
4*	0.080-0.140 in.

Cat. No. Breakdown for Class 2, 3 & 4 Gloves					
	Class	Length (in.)	Cuff Style	Color	Size
NG	2	14, 16 or 18	BC* or C	B, YB or RB	7, 8, 8H, 9, 9H, 10, 10H, 11, 12
NG	3*	14, 16 or 18	BC* or C	B, YB or RB	8, 8H, 9, 9H, 10, 10H, 11, 12
NG	4*	16 or 18	BC* or C	B, YB or RB	9, 9H, 10, 10H, 11, 12

Cuff Style: Straight cuff is Default, BC= Bell Cuff, C=Contour Cuff
 Color: B=Black, YB=Yellow inside/Black outside, RB=Red inside/Black outside
 *BC available in sizes 9 through 12 including half sizes only – 11.5 is not available

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



Legacy Gloves

Low Voltage—ASTM Class 00, 0

Salisbury Advantage

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

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

Class 0 Electrical Insulated Rubber Gloves are available in red, black, 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.



E011Y Gloves being manufactured



E0011BL



E0014BLO

E011Y



E0011R

Cat. No. Breakdown for Class 00 Gloves

Class	Length (in.)	Color	Size	
E	00	11	R, B, BL or BLO	7, 8, 8H, 9, 9H
E	00	14	R, B, BL or BLO	10, 10H, 11, 12

Type I Natural Rubber Type II SALCOR®
 R= Red B=Black BL= Blue BLO=Blue in, Orange out

Cat. No. Breakdown for Class 0 Gloves

Class	Length (in.)	Color	Size	
E	0	11	Y, R, B, BL or BLO or BLY	7, 8, 8H, 9, 9H
E	0	14	Y, R, B, BL or BLO or BLY	10, 10H, 11, 12

Type I Natural Rubber Type II SALCOR®
 R= Red B=Black BL= Blue Y=Yellow BLO=Blue in, Orange out
 BY= Black in, Yellow out

Legacy Gloves

High Voltage—ASTM Class 1, 2, 3, 4

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

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

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

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



**E316YB
Straight Cuff**



**E214BCRB
Bell Cuff**



**E218CYB
Contour Cuff**

Cat. No. Breakdown for Class 1, 2, 3, 4 Gloves					
	Class	Length (in.)	Cuff Style	Color	Size
E	1	14, 16 or 18	BC**, C	B, YB or RB	7, 8, 8H,
E	2	14, 16 or 18	BC**, C	B, YB or RB	9, 9H,
E	3	14, 16 or 18	BC**, C	B, YB or RB	10, 10H,
E	4*	16 or 18	BC**, C	B, YB or RB	11, 12

BC**= bell cuff C=contour cuff (contour cuff available for 18" only)

***Available in sizes 9 through 12, including half sizes**

****Bell cuff gloves available in sizes 9 through 12, including half sizes**

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

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 in inches. Allow for additional room if fabric glove liners are to be worn, especially with thermal liners.



**Measure the
circumference around
the palm.**

Leather Protectors

Leather Protector Gloves must always be worn over rubber insulated gloves to provide the needed mechanical protection against cuts, abrasions and punctures. All Salisbury protectors are steam-pressed on curved hand forms to ensure proper fit over rubber gloves. Manufactured from top-grade leather, all are sewn with heavy duty nylon thread in the “Gunn cut” inseam construction pattern. Each protector for Class 1-4 gloves is equipped with a non-metallic 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.

Salisbury Advantage

All Salisbury Leather Protectors meet ASTM F696 standards.

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

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

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



CLEARANCE TABLE FOR LEATHER PROTECTORS PER ASTM F496-Table 4

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

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

Salisbury Leather Protectors

Catalog #	Overall 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 dual sizes: 7, 8/8.5, 9/9.5, 10/10.5, 11/11.5, 12

**Not available in size 7.

LP SERIES-COWHIDE

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

*To specify goatskin, use LPG. Available in single sizes: 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12

Glove Class	Leather Protector Cuff	
	Cuff Line	
00, 0	1/2	1/2" from cuff
1	1	1" from cuff
2	2	2" from cuff
3	3	3" from cuff
4	4	4" from cuff

Leather Protectors

When properly cared for, your leather protectors can serve you well for a surprising length of time.

Longer palm length. Kunz leather protectors start with a 9" palm length to bring the glove leather below the wrist area and allow increased range of wrist movement.

Specially designed and manufactured to current ASTM F696 specifications as mechanical protection for 11" or 14" low voltage Class "0" and "00" rubber insulated gloves as described in the ASTM D120. They allow the flexibility and dexterity required for secondary work operations. All are made from pearl-colored goatskin grain leather and available with a shirred elastic back or adjustable pull strap. Sewn inseam in the "Gunn cut" pattern.



913



999

Kunz Leather Protectors				
Overall Length (in.)	Cream Cowhide	Red-Buffered Cowhide	Bucktan Cowhide	Glove Class
10	999			00, 0
13	913			00, 0
11	1050-2	1007-2	1057-2	1-4
12	1050-3	1007-3	1057-3	1-4
13	1050-4	1007-4	1057-4	1-4
14	1050-5	1007-5	1057-5	1-4
15	1050-6	1007-6	1057-6	1-4
16	1050-7	1007-7	1057-7	1-4
16 contour	1050-7CC	1007-7CC	1057-7CC	1-4



1007



1050

Liner Gloves enhance the comfort of wearing rubber insulated gloves in every season. Liners provide warmth in the cold season and absorb perspiration in warm months. Many styles and fabrics are available with either an open or knit wrist.

Salisbury Glove Liners					
CAT #	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)	

One size fits all.



1057



L10JK



L12MKC



L10MKW

Rubber Gloves Storage Bags

Proper storage extends the service life of linemen's gloves and sleeves

Folding and creasing rubber strains the material and can cause it to crack from ozone exposure prematurely. By storing rubber gloves in the right-sized bag—and never forcing more than one pair into each bag—gloves will lie flat and last longer.

SERGED EDGES: A special machine takes three strands of thread and sews them around the edge of the fabric all at the same time, preventing fraying (those loose strings that hang down on some bags) and extending bag life.

Glove and Protector Combo Bags contain two layered pockets in one bag. Now, both 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.



2210

Standard High Voltage Glove Bags			
Catalog #	Pockets	Dimensions	Fits
2210	1	8"L x 2"W x 12"H	Up to 11"
2212	1	8"L x 2"W x 12"H	Up to 11"
2220	1	8"L x 4"W x 15"H	Up to 14"
2223	1	8"L x 4"W x 18"H	Up to 16"
2226	1	8"L x 4"W x 20"H	Up to 18"
GB112	1	9" x 14"	Up to 11"
GB114	1	9" x 16"	Up to 14"
GB116	1	9" x 18"	Up to 16"
GB118	1	9" x 20"	Up to 18"
GPB112	2	9" x 14"	Up to 11"
GPB114	2	9" x 16"	Up to 14"
GPB116	2	9" x 18"	Up to 16"
GPB118	2	9" x 20"	Up to 18"



2212-V



GPB116



GB118



2220-V

BACK



NICKEL-PLATED QUICK RELEASE SNAP

Nickel plating keeps these snaps rust- and weather-resistant, as well as convenient to easily attach and detach from workman's belt.

INSIDE



THREE-PIECE LEATHER SNAP HOLDER

Top-grain leather reinforces our quick release snap outside and inside, reinforcing and strengthening by lowering stress on the canvas duck. All rivets are capped off and smooth, leaving no sharp edges to damage your rubber gear.

BAG BOTTOM



TWO VENTILATION BRASS EYELETS

Brass eyelets located on the bottom of the bags are rust- and weather-resistant, allowing for drainage at the base of the glove bags.

HARDBODY LINING

Gloves and gaffs don't mix. Give your gloves that extra protection they warrant. Glove bags lined with Estex "Hard Body" material hold their shape and create a hard shell barrier between danger and your rubber gear.

Sleeve Storage & Accessories

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

Sleeve Storage & Accessories		
CAT #	Dimensions in inches (mm)	Weight Lbs (kgs)
CANVAS SLEEVE BAG		
T31	30 X 9.5 (762 X 241mm)	1.5 (7)
T32	30 X 13 (762 X 330mm)	3 (1.4)
BUTTONS		
B2	One-piece Sleeve Button	.2 (.01)
B22	Four Screw-Type Buttons	.8 (.04)
STRAPS		
S1	15 (381mm) Strap w/4 B2 Buttons	.1 (.005)
HARNESS		
H1	Harness w/4 B2 Buttons	1 (.45)



D Ring on back



T32



2449-TU-C

Glove & Sleeve Combo Bags		
Catalog #	Description	Dimensions (in.)
2499-SCE-1	Canvas w/quick release snap and snap closures	Back: 8"L X 2"W X 20"H; Front: 8"L X 2"W X 12"H
2426-3XL	Canvas 3 pocket w/quick release snap	Back: 8"L X 4"W X 18"H; Middle: 8"L X 3"W X 16"H; Front: 8"L X 2"W X 12"H
2429	Canvas w/quick release snap	Back: 8"L X 6"W X 20"H; Front: 6"L X 2"W X 18"H
2499-SCE	Canvas w/quick release snap	Back: 8"L X 2"W X 20"H; Front: 8"L X 2"W X 12"H
2499-TU-C	Canvas w/snap closures, extra large	Top: 12"L Bottom: 8"L X 4"W X 12"H

Standard Sleeve Bag	
(8-1/2"L TOP/6-1/2"L BOTTOM) X 2"W X 28-1/2"H	
2300	Canvas
2302	Yellow Vinyl
(9"L TOP/7"L BOTTOM) X 2"W X 28"H	
2310	Canvas w/D Ring on Front
2312	Yellow Vinyl w/D Ring on Front



B22

H1



S1

Rubber Insulated Sleeves

Rubber Insulated Sleeves extend coverage of the arm from the cuff of rubber insulated 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 insulated sleeves—dipping and molding. Both meet the current requirements of ASTM D1051 and offer the same high level of quality and protection.

Sizing Sleeves should be selected to fit the arm comfortably, covering from the top of the shoulder to inside the top of the glove. Regular-sized 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.

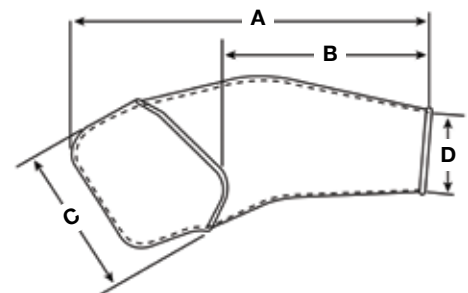
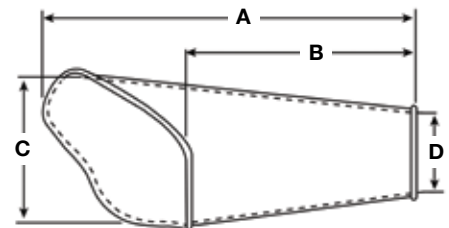


D2LYR-EC



D2RYB-ST

Sizing Linemen's Sleeves			
Straight Arm Sleeve			
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 26.25 (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			
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 26.50 (673)	15.5 (394)	12.25 (311)	5.25 (140)
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)
Cat. # 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, XL=extra large Example: D2LYB-EC			
Add suffix "-ST" to order straight cuff or "-EC" to order extra-curved cuff			



Molded Sleeves

Molded sleeves are manufactured by either injection or compression molding methods. The advantage these methods offer is ability to produce sleeves of Type I or Salcor® Type II synthetic rubber. Molded sleeves are available in curved arm style only.

Catalog Number Breakdown for Molded Type I Sleeves

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

R=Regular, L=Large, XL=Extra Large
B=Black, Y=Yellow, M=Maroon

Catalog Number Breakdown for Molded Type II Sleeves

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



2RB



2ROS



3LY



Insulated Blankets & Accessories

Eyelet Style

Eyelet Style Insulated Blankets were designed to be easily secured in place by using blanket pins, Snap Buttons or Ty-Straps. Eyelet blankets are flexible and feature a reinforced beaded edge and eyelets for added strength and tear-resistance.

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 D1048 Ozone Tests—both Method A and Method B.

Zip-On Style (Zip) 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.



900E



1830S

Eyelet-Style Insulated Blankets						
Catalog #	Eyelets/ Style	ASTM Class	Type	Size in. (mm)	Color	Weight 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.

Fasteners

Blanket Buttons are designed to secure eyelet-style insulated blankets. The **B1** button 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 insulated 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" and 30" long and made of 1½"-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.



B1



B23

Blanket Fasteners

Catalog #	Description	Weight
B1	Snap-Button, Orange	1 oz.
B23	Two-Way Button, Orange	1 oz.
MB6	Magnetic Blanket Button	7 oz.
TY14	Ty-Straps, 14" long	2 oz.
TY30	Ty-Straps, 30" long	4 oz.
USBA-003	Blanket Button	1 oz.

Insulated Blankets

Slotted Style

Slotted Style Insulated Blankets are made of Type II SALCOR® rubber and 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. Our 36" (914mm) slotted blanket is also available with 2" (51mm) or 4.5" (114mm) center holes, and with hook and pile (Zip Style). Our 46" (1168mm) slotted blanket features extra thickness at the end of the slot for added strength.

Zip-On Style (Zip) 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.

Slotted-Style Insulated Blankets						
Cat. #	Eyelets/ Style	ASTM Class	Type	Size in. (mm)	Color	Weight lbs (kgs.)
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)

Zip-On Style

1300V	Zip	4	II	36 x 36 (914 x 914)	Orange	7 (3.2)
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All blankets comply with current ASTM D1048 specifications.

Without Eyelets

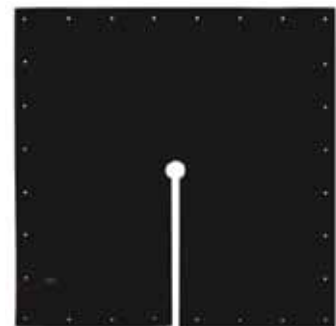
Salisbury Insulated Blankets without Eyelets are available in Class 2 and Class 4 in two types of material: Type I natural rubber, and Type II SALCOR®, which is a highly flexible, corona-resistant polymer with excellent aging and weathering qualities. Salisbury insulated blankets feature a reinforced beaded edge for added strength and tear-resistance.

Insulated Blankets Without Eyelets					
Catalog #	ASTM Class	Type	Size in. (mm)	Color	Weight lbs (kgs.)
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.



1300



1301



1300V

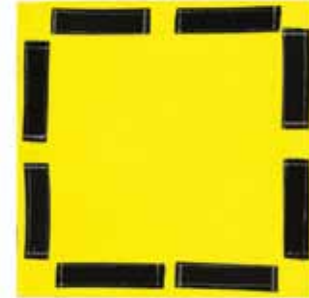


186

Low-Voltage Blankets & Switchboard Matting

With and without hook and pile

Low Voltage Insulated Blankets are made of Type II SALCOR® rubber. Insulated 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 1"-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. Contact us for more information.



1212YLV



1212YLVNV

Low-Voltage Insulated Blankets						
Catalog #	Style	ASTM Class	Type	Size in. (mm)	Color	Weight 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 (.48)
1236YLVNV	Plain	0	II	12 x 36 (305 x 914)	Yellow	1.5 (.48)
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 (.48)
1836YLVNV	Plain	0	II	18 x 36 (457 x 914)	Yellow	1.4 (.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)

All blankets comply with current ASTM D1048 specifications.

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 ¼" (6.4mm) thick and is tested to 20 kV, and class 4 matting is ½" thick and tested to 40 kV. Matting complies 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 ground barrier to protect blankets during visual inspection.



M24-2

Switchboard Matting				
Catalog #	ASTM Class	Type	Size in. (mm)	Weight lbs (kgs.)
SWITCHBOARD MATTING				
M24-2	2	II	1/4 x 24 (6 x 610)	9 (4.1)
M30-2	2	II	1/4 x 30 (6 x 762)	12 (5.4)
M36-2	2	II	1/4 x 36 (6 x 914)	15 (6.8)
M48-2	2	II	1/4 x 48 (6 x 1219)	18 (8.2)
M36-4*	4	II	1/2 X 36 X 60' Long (12 x 914mm x 18.3m 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)



R96

Insulated Rubber Blankets & Accessories

Blankets are available in different sizes and used to cover up overhead or underground energized electric lines. They meet all applicable ASTM D-1048 performance criteria. All blankets are Style A and free from any internal reinforcement for maximum flexibility.

Insulated Rubber Blankets			
Catalog #	Class	Size (in.)/Description	Weight
6020	2	36 x 36 solid	7.3 lbs
6020-1	2	36 x 36 slotted	7.3 lbs
6020-22	2	22 x 22 solid	5.0 lbs
6040	4	36 x 36 solid	8.3 lbs
6040-1	4	36 x 36 slotted	8.3 lbs
6040-22	4	22 x 22 solid	5.0 lbs
USRB-36-6-SLD	4	36 x 36 solid	8.4 lbs
USRB-36-28-SLT	4	36 x 36 slotted	8.4 lbs
USRB-22-28-SLT	4	22 x 22 slotted	2.8 lbs



6020



USRB

Clamp Pins

In addition to other uses in the utility industry, Blanket Clamp Pins can be effectively used to hold insulated blankets and rubber cover-ups 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 21-blanket pin has been redesigned to open to a full 5½". To accommodate application using 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.

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



21

HS21



YN20



USPC-001



USPC-002

Blanket Accessories				
Catalog #	Description	Length	Jaw Opening	Weight
20	Wood w/pin boots	8.5"	4.75"	.33 lbs
25	Wood w/pin boots	7"	1.6"	.25 lbs
26	Wood w/pin boots	10"	7"	.5 lbs
YN20	Wood w/sure grip	8.5"	4.75"	.33 lbs
HS21	Nylon w/pin boots, stick operable	9.5"	5"	.37 lbs
21	Nylon w/pin boots	9.5"	5"	.37 lbs
A30321	Blanket pin—plain style			.3 lbs
A30322	Blanket pin—hot stick style			.3 lbs
USBA-001	Clamp w/pin boots	10"	5"	.4 lbs
USBA-002	Clamp w/pin boots, stick operable	10"	5"	.4 lbs
USCP-001	6"-11" Dia. Klondike clamp	16"	6"-11" dia.	.8 lbs
USCP-002	11"-20" Dia. Klondike clamp	23"	11"-20" dia.	.92 lbs
USCP-003	6"-11" Dia. Klondike clamp, single spring mechanism	16"	6"-11" dia.	.8 lbs

Roll Blankets & Insulated Aprons

Salisbury’s insulated **Roll Blankets** and **Insulated 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 insulated Type II rubber Roll Blankets and Insulated Aprons meet ASTM F2320 standards. Salisbury’s **Roll Blanket** line includes a Class 1 (7,500V) Clear PVC material that permits complete visibility, yet provides the necessary insulated properties—meeting ASTM F1742 standards.

The **Roll Blankets** can be easily custom-cut to fit each application at the job site—minimizing 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 3’W X 30’L roll.

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



RLB0



RLBPVC1



APR00

Roll Blankets & Insulated Aprons					
Catalog #	ASTM Class	Type	Size in. (mm)	Color	Weight lbs (kgs.)
ROLL BLANKETS					
RLB00	00	II	3' x 30' (.9 x 9)	Brown	20 (9)
RLB0	0	II	3' x 30' (.9 x 9)	Yellow	26 (11.8)
RLB1	1	II	3' x 30' (.9 x 9)	Yellow/Orange	36 (16.4)
RLBPVC1	1	-	3' x 30' (.9 x 9)	Clear	36 (16.4)
RLBPVC1-48	1	-	4' x 30' (1.2 x 9)	Clear	48 (21.7)
Insulated 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)

Blanket Accessories

Storage

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

The **P4H** blanket canister revolutionizes storing 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.



P4H



P6



22



2832



2800-36-36

Blanket Storage Bags & Canisters			
Catalog #	Description	Fits Blanket Max Size (in.)	Capacity
P2	Canister	36-inch	1-2 blankets
P3	Canister	36-inch	1-3 blankets
P4	Canister	36-inch	1-4 blankets
P4H	Canister	36-inch	1-4 blankets
P6	Canister	36-inch	1-6 blankets
P3-47	Canister	46-inch	1-2 blankets
22	Roll-up (vinyl)	22-inch	1-4 blankets
36	Roll-up (vinyl)	36- or 46-inch	1-4 blankets
46	Roll-up (vinyl)	36- or 46-inch	1-4 blankets
6023	Canister	36-inch	1-3 blankets
6026	Canister	36-inch	1-6 blankets
01-070	Roll-up	22-inch	1-4 blankets
01-071	Roll-up	36-inch	1-4 blankets
2800	Canvas	36-inch	1-4 blankets
2810	Marine Canvas	36- or 46-inch	1-4 blankets
2800-36-36	Canvas	36-inch	1-2 blankets
2832	Zipper Vinyl	36-inch	1-2 blankets

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 insulated blankets while in storage.

Insulated Line Hose & Connectors

Conventional 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. The straight or connector end style is available in three sizes: Class 2-1" and 1.25" I.D. rated at 17kV, and Class 3-1.5" I.D. rated at 26kV. 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. Straight style SALCOR® hose is also available in 2" or 2.5" I.D. rated at Class 3.







OR150-3



OR125-45C

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

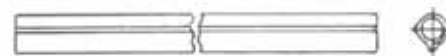
	
<p><i>Sectional view of typical insulator cover showing arrangement of ribs. Ribs are engineered to grip the serrations on its corresponding line hose, regardless of angle.</i></p>	<p><i>A row of serrations on both sides of connector line hose grips snugly inside the large arm of insulator covers.</i></p>
	
<p><i>Saw-tooth serrations on the ends of line hose are angled to make it easy to insert, but resist coming apart.</i></p>	<p><i>Connector end line hose with rubber ribs that grasp tightly and hold an adjoining length of hose.</i></p>

Line Hose & Connectors, cont.

Conventional System

Conventional System				
Catalog #	ASTM Class	Type	Size in. (mm)	Weight 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)	9 (4.1)
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 12" (25.4 X 305)	2.5 (1.1)
ORC125	2	II	1.25" X 12" (32 X 305)	3.5 (1.6)
ORC150	3	II	1.5" X 12" (38 X 305)	3 (1.4)

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

All Line Hose complies with current ASTM D1050 specifications.

Line Hose

Extended Lip SU System

The Extended Lip SU System is the only complete flexible cover-up available for use on voltages through 34.5kV. Extremely versatile, it may be installed by hand—wearing rubber insulated 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. Tapered lips facilitate easy installation on the conductors. The contour cut ends accommodate the skirts of pin type insulators, and permit the hose to cover the line securely to a saddle or clamp.

A Straight Line Hose or with a Connector End allows for easier connection of line hose and covers. A lifting eye is molded on the connector end for removal with a hot stick. 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. 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" (51mm) and 2.5" (64mm) SU System and Conventional Line Hose.



SU150-3



SU150-45



UC

Extended Lip Line Hose			
Catalog #	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)



Dead End Protectors

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" (38mm) 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



U110

Dead End Protectors						
Catalog #	ASTM Class/Type	Fits Bell Size in. (mm.)	Dimensions in. (mm.)		Color	Weight ea. lbs (kgs.)
			I.D. body	Overall Length		
OR134	4 / II	3-4.25 (108)	5 (127)	37 (940)	Orange	13 (6)
U106	3 / II	2-6 (152)	7 (178)	28.5 (724)	Black	6 (2.7)
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 Shot Gun Eye Assembly. All Protectors comply with current ASTM D1049 specifications.

Self-Securing Cable End Caps						
Cat. #	ASTM Class	Type	Dimensions in. (mm)		For use with cable size	Weight
			I.D. body	Overall Length		
117	2	II	1.38" (35)	10" (254)	4/0 to 500 MCM	.50 lbs
173	2	II	.81" (21)	6" (152)	#4 to 4/0 AWG	.25 lbs
177	2	II	2.25" (57)	12" (305)	350 to 750 MCM	.75 lbs
178	2	II	3.19" (81)	16" (406)	800 to 1000 MCM	1.5 lbs



117



178

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 Insulated Covers) specifications.



OKRG



OFRG



OR124



145



CC24



N36 & N24

Protectors & Covers				
Catalog #	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 6.5" (406 x 165) 6 (2.7)
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)	1.5" (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 4.64" 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. (56.7g)
N36	For 101 Series		.75 x 36 (18 x 882)	2 oz. (56.7g)

All covers 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 for use 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" (267mm) in diameter and is used with 2.5" (64mm) 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" (38mm) Class 4 Extended Lip SU System or Conventional Line Hose. The PTHS for insulators up to 12" (305mm) and the PTHL for insulators up to 16" (406mm) in height. The PTHL cover also has external ribs on the ears which secures 2.5" (64mm) 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" (216mm) diameter and 13.8kV post-type insulators. A trim bead permits use on both 35kV and 15kV cross arm construction. The USC Stirrup Cover is a light-weight 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.



LRG



MRG



USC

Insulator Covers							
Catalog #	ASTM Class/Type	Fits Line Hose in. (mm.)	Fits Insul. Max Dia in (mm)	For Use w/Insul Class	Overall Dimensions—in (mm)		Weight ea. lbs (kgs.)
					I.D. Body	Height	
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 13.2kV F Neck Post Type 13.2kV C Neck	9 (221)	12.25 (306)	7 (3.2)
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)

Add Suffix "E" to Catalog Number to order with Shot Gun Eye Assembly. All covers comply with current ASTM D1049 specifications.

Cleaners and Supplies

RUB-OUT® is a non-petroleum-based hand cleaner for workers who wear rubber gloves and sleeves. It comes in liquid base or towelettes to dissolve and remove grease, oil, ink, tar, pipe dope, creosote, paint and more without harming natural or SALCOR® rubber. The towelettes measure 10.5" x 12.25", are durable and have enough absorbency to clean tools and other surfaces after cleaning your hands. Hastings All Purpose Cleaner is a good hand cleaner and also cleans hot line tools, trucks, buckets, booms, rubber goods and many others.

Cleaners		
Catalog #	Description	Weight
1451	16 oz can, 12/pack, RUB-OUT	16 lbs
1452	4.5 lbs cans, 6/pack RUB-OUT	28 lbs
1453	Dispenser for 4.5 lbs can	1 lbs
1460	Bucket of 60 towelettes, 6 buckets/case	14 lbs
1461	Single packets towelettes, 100 singles/case	3 lbs
10-169	All Purpose Cleaner – premixed 1 gal	8 lbs
10-168	All Purpose Cleaner – concentrate 1 gal	8 lbs



TEN-FOUR® glove dust is a cooling, frictionless powder that absorbs moisture and perspiration when wearing rubber gloves. The SUPER SALCO® Cleaner is a concentrated detergent with a special grease release formula that removes oils, grease and dirt from natural and SALCOR® rubber equipment. SALCON® silicone spray is specially formulated to reduce friction on SALCOR® or natural rubber products. Hot stick, boom and bucket wax is specially formulated for application to fiberglass finishes. Silicone-treated wiping cloths deposits a water repellent film while removing dust and dirt particles.

Supplies		
Catalog #	Description	Weight
10-4	12-5 oz squeeze bottles powder	5.5 lbs
10-4-4QT	4 quarts bulk, single, powder	8 lbs
S4	1 gal jugs, 4 pack, detergent	54 lbs
S5	5 gal drum, detergent	49 lbs
S55	55 gal drum, detergent	540 lbs
S99	Aerosol can, silicone spray	16 oz
10-091	Wax – 1 can (14oz)	1.7 lbs
10-091-2	Wax – 1 case (12 cans)	15 lbs
USTS-WAX	Wax - 14 oz can	1.7 lbs
SS30	Sunscreen SPF 30/100 Towelettes	6 lbs





HOOK INTERNATIONAL, Inc.
Manufacturers of Lifting & Pulling Equipment



SALISBURY
by Honeywell



Hot Line Tools

In this section:

- Hot Sticks
- Specialty Fiberglass
- Jumpers
- Personal Protective Grounds
- Strap Hoists
- Load Break & Load Pickup Tools

Telescoping Fiberglass Hot Sticks

All sections are fabricated with reinforced electrical-grade fiberglass for greater strength and high dielectric properties. The features of the standard telescoping hot sticks are opening and closing disconnect switches, replacing fuses on transformers and pruning tree limbs. The Hastings telescoping hot sticks have a fluorescent green tip section for high visibility, and the tip is foam-filled for added strength. The HV telescoping stick has a unique triangular shape that enables each section to “lock in automatically” with no need to search for the button. Utility Solutions telescoping hot sticks have the BLUE STRIPE® patented alignment feature that allows for easy alignment and extension. These brands have a tip lock feature and universal spline attachment.



ST-235



USTS



USTS-045



HV-235



Hastings Telescoping Hot Sticks

Catalog #	Extended	Retracted	Base Dia.	Weight	Case
S-212	12'	44"	1-5/8"	3.8	C-212
S-216	12'4", 16'	56"	1-5/8"	4.5	C-30
S-220	17', 20'	58"	1-7/8"	5.5	C-30
S-225	17', 21', 25.5'	60"	2-3/16"	7.0	C-30
S-230	17', 21.5', 26', 30'	61 5/8"	2-3/8"	8.8	C-30
S-235	17', 21.5', 26', 30', 35'	63 3/8"	2-11/16"	11.0	C-35
S-240	22', 26', 30', 35', 40'	65 3/8"	2-7/8"	13.9	C-40
ST-225	17', 21', 25.5'	60"	2-3/16"	7.0	C-30
ST-230	17', 21.5', 26', 30'	61 5/8"	2-3/8"	8.8	C-30
ST-235	17', 21.5', 26', 30', 35'	63 3/8"	2-11/16"	11.0	C-35
ST-240	22', 26', 30', 35', 40'	65 3/5"	2-7/8"	13.9	C-40
SH-216	9', 13', 17'	58 1/8"	1-7/8"	4.8	C-30
SH-200	13', 17.5', 21.5'	60"	2-3/16"	6.5	C-30
SH-250	13', 17.5', 21.5', 26'	61 5/8"	2-3/8"	8.3	C-30
SH-230	13', 17.5', 21.5', 26', 30'	63 3/8"	2-11/16"	10.3	C-35
SH-235	17', 21.5', 26', 30', 35'	63 3/8"	2-11/16"	11.0	C-35
HV-212	12'7"	58"	1.45"	3.7	C-30
HV-216	16'9"	60"	1.61"	5.0	C-30
HV-220	21'	62"	1.75"	6.4	C-30
HV-225	25'6"	64"	1.91"	8.1	C-40
HV-230	30'	66"	2.07"	10.0	C-40
HV-235	35'	68"	2.22"	12.1	C-40
HV-240	39'6"	69"	2.38"	14.4	C-40
HV-208	8'	26"	1.75"	3.0	C-208
HV-312	12'	37"	1.61"	4.3	C-212

NOTE: S = Standard Stick, ST = Tip Lock Stick, SH = Heavy Duty Stick, HV = "No Twist" Stick

Blue Stripe® Utility Solutions Telescoping Hot Sticks

Catalog #	Extended	Retracted	Base Dia.	Weight	Case
USTS-050	30', 35', 40', 45', 50'	68"	3-1/2"	20 lb	USSB-006
USTS-045	26', 30', 35', 40', 45'	66"	3-1/8"	16 lb 8 oz	USSB-006
USTS-040	21', 26', 30', 35', 40'	65"	2-7/8"	13 lb 8 oz	USSB-006
USTS-035-C	30', 35'	53"	3-1/2"	15 lb 4 oz	USSB-006
USTS-035	17', 21', 26', 30', 35'	63"	2-5/8"	11 lb	USSB-006
USTS-030	17', 21', 26', 30'	62"	2-3/8"	8 lb 14 oz	USSB-006
USTS-025	17', 21', 26'	60"	2-1/8"	6 lb 14 oz	USSB-005
USTS-020	17', 21'	58"	1-7/8"	5 lb 3 oz	USSB-005
USTS-016	12', 16'	56"	1-5/8"	4 lb	USSB-005
USTS-012	12'	30"	2-5/8"	5 lb 11 oz	USSB-003
USTS-010	10'	28"	2-3/8"	4 lb 11 oz	USSB-003
USTS-008	8'	26"	2-1/8"	3 lb 11 oz	USSB-003
USTS-006	6'	26"	1-7/8"	2 lb 8 oz	USSB-003
USTS-004	4'	26"	1-5/8"	2 lb	USSB-003

Clamp Sticks

Fixed-Length Clamp Sticks

Clamp sticks are available with an external or internal rod. Utility Solutions offers their clamp sticks with the patented BLUE STRIPE® to assist the operator by acting as a visual aide to minimize equipment drops. When the BLUE STRIPE® is positioned facing upward the stainless steel hook will open downward. These brands each have unique features desired by line workers.

Hastings Fixed-Length Clamp Sticks

Catalog #	Length	Weight
External Rods:		
8104	4'6"	4.5 lbs
8106	6'6"	5.2 lbs
8108	8'8"	6.5 lbs
8110	10'6"	7.5 lbs
8112	12'6"	7.8 lbs
Internal Rods:		
8204	4'6"	4.1 lbs
8206	6'6"	4.9 lbs
8208	8'6"	5.7 lbs
8210	10'6"	6.4 lbs
8212	12'6"	7.1 lbs

Add "U" for universal spline

Utility Solutions Fixed-Length Clamp Sticks

Catalog #	Length	Weight
USSG-004-ER	4'6"	4.4 lbs
USSG-006-ER	6'6"	5.6 lbs
USSG-008-ER	8'8"	6.3 lbs
USSG-010-ER	10'6"	7.5 lbs
USSG-004-IR	4'6"	4.4 lbs
USSG-006-IR	6'6"	5.3 lbs
USSG-008-IR	8'8"	5.14 lbs
USSG-010-IR	10'6"	6.13 lbs

ER—External Rod; IR—Internal Rod

Add "EC" for rubber end cap, "SE" for universal spline

Salisbury Fixed-Length External Rod Clamp Stick

Catalog # — External Rod	Length	Weight
4007	4'8"	4.2 lbs
4008	5'8"	4.6 lbs
4009	6'8"	5.2 lbs
4010	8'8"	6.2 lbs
4011	10'8"	7.0 lbs
4012	12'8"	7.7 lbs
4013	14'8"	9.4 lbs



USSG

8104

4009

Clamp Sticks, cont.

Folding and Telescoping Shotgun Sticks

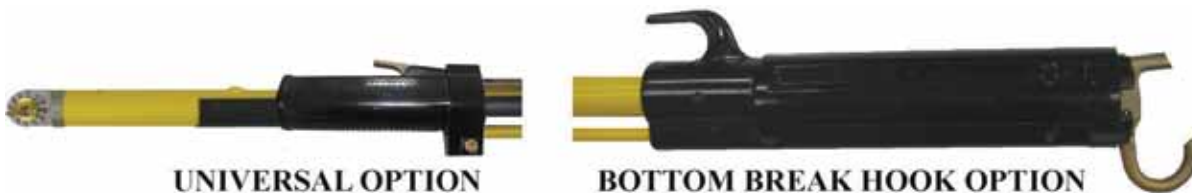
Hastings offers a folding clamp stick for ease of storage, and a telescoping clamp stick to extend to the length needed.

Hasting Folding Clamp Stick		
Catalog #—External Rod	Length	Weight
13412	6'6"	7.0 lbs
13413	8'6"	8.2 lbs
13414	10'6"	9.3 lbs
13415	12'6"	10.4 lbs

Hasting Telescoping Clamp Sticks			
Catalog #	Retracted Length	Operating Length	Weight
8158	5'1"	5'1", 6'6", 8'	5.8 lbs
8158-80	5'1"	6'6", 8'	5.8 lbs
8158-98	5'1"	8'2"	5.8 lbs
81611	6-1/2'	6'6", 8', 9'6", 11'	6.8 lbs
81611-97	6-1/2'	8', 9'6", 11'	6.8 lbs
81-811	8'	8', 9'6", 11', 12'6"	7.3 lbs
81-814	8'	8', 10', 12', 14'	7.8 lbs
81-1018	9'10"	9'10", 11'9", 13'6", 15'6", 17'6"	9.5 lbs

Hasting Sectional Clamp Stick			
Catalog #	Retracted Length	Operating Length	Weight
81-704	4'	5'	4.9 lbs
81-706	6'	7'	5.6 lbs
81-708	8'	9'	9.5 lbs
81-710	10'	11'	11.3 lbs

*Add "U" for universal spline



Straight Hot Sticks

Straight sticks are manufactured from the highest quality electrical grade fiberglass. Each stick interior is filled with high performance closed cell foam to prevent water ingress. This stick exterior has been chemically sealed to provide a smooth surface texture for easy cleaning. Straight sticks come as one stick or can be purchased in sections.

Switch Head Stick—Bronze				
1-1/4" Diameter			1-1/2" Diameter	
FT	Catalog #	Weight	Catalog #	Weight
4	460-4	1.5 lbs	----	----
6	460-6	2.3 lbs	462-6	2.8 lbs
8	460-8	3.0 lbs	462-8	3.6 lbs
10	460-10	3.2 lbs	462-10	4.8 lbs
12	460-12	3.5 lbs	462-12	6.5 lbs
14	----	----	462-14	7.3 lbs
16	----	----	462-16	8.2 lbs
18	----	----	462-18	9.1 lbs
20	----	----	462-20	10.0 lbs

Disconnect Head Stick—Heavy Duty				
1-1/4" Diameter			1-1/2" Diameter	
FT	Catalog #	Weight	Catalog #	Weight
4	461-4	1.6 lbs	----	----
6	461-6	2.4 lbs	541-6	3.1 lbs
8	461-8	3.6 lbs	541-8	3.7 lbs
10	461-10	4.8 lbs	541-10	4.9 lbs
12	461-12	6.5 lbs	541-12	6.6 lbs
14	----	----	541-14	7.4 lbs
16	----	----	541-16	8.3 lbs
18	----	----	541-18	9.5 lbs
20	----	----	541-20	10.1 lbs

BLUE STRIPE® Foam-Filled Straight Sticks				
1-1/4" Diameter			1-1/2" Diameter	
FT	Catalog #	Ends	Catalog #	Ends
4	USSS-004	EC, SE, SH, DH	USSS-H04	EC, SE, SH, DH
6	USSS-006	EC, SE, SH, DH	USSS-H06	EC, SE, SH, DH
8	USSS-008	EC, SE, SH, DH	USSS-H08	EC, SE, SH, DH
10	USSS-010	EC, SE, SH, DH	USSS-H10	EC, SE, SH, DH

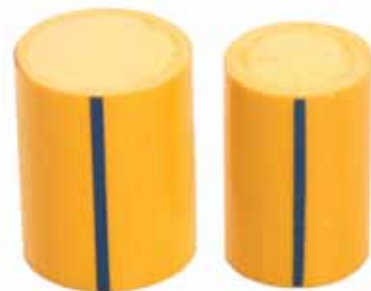
EC= Rubber End Cap SE= Universal Spline
SH= NEMA Switchhead DH= Disconnect Head



460-6



4213



USSS Cutaway

Straight Hot Sticks, cont.

Insulated Head Stick—Fiberglass

FT	1-1/4" Diameter		1-1/2" Diameter	
	Catalog #	Weight	Catalog #	Weight
4	501-4	1.2 lbs	----	----
6	501-6	2.1 lbs	502-6	2.3 lbs
8	501-8	2.6 lbs	502-8	3.1 lbs
10	501-10	3.5 lbs	502-10	4.3 lbs
12	501-12	4.3 lbs	502-12	5.2 lbs
14	----	----	502-14	6.2 lbs
16	----	----	502-16	7.1 lbs
18	----	----	502-18	8.1 lbs

Universal Head Stick—1 End Only

FT	1-1/4" Diameter		1-1/2" Diameter	
	Catalog #	Weight	Catalog #	Weight
4	567-4	1.4 lbs	----	----
6	567-6	1.7 lbs	----	----
8	567-8	2.6 lbs	----	----
10	567-10	3.3 lbs	469-10	4.5 lbs
12	567-12	4.0 lbs	469-12	6.5 lbs
14	----	----	469-14	7.3 lbs
16	----	----	469-16	8.3 lbs
18	----	----	469-18	9.2 lbs
20	----	----	469-20	10.1 lbs

Universal Head Stick—Both Ends

FT	1-1/4" Diameter		1-1/2" Diameter	
	Catalog #	Weight	Catalog #	Weight
4	4678-4	2.8 lbs	----	----
6	4678-6	3.3 lbs	----	----
8	4678-8	4.1 lbs	4680-8	5.7 lbs
10	4678-10	5.0 lbs	4680-10	6.4 lbs
12	4678-12	5.8 lbs	4680-12	8.2 lbs
14	----	----	4680-14	10.0 lbs

Universal Straight Sticks

FT	1-1/4" Diameter		1-1/2" Diameter	
	Catalog #	Weight	Catalog #	Weight
4	4213	2.6 lbs	----	----
6	4214	3.4 lbs	----	----
8	4215	4.1 lbs	4219	5.4 lbs
10	4216	4.9 lbs	4220	6.5 lbs
12	4217	5.6 lbs	4221	7.5 lbs
14	4218	6.4 lbs	4222	8.6 lbs
16	----	----	4223	9.8 lbs
20	----	----	4225	11.7 lbs



4678-4

567-4

Measuring Sticks

Telescopic measuring hot sticks allow the user to safely measure vertical heights including: overhead lines, telephone, cable-TV, highway clearances and structures. Available in English or Metric graduations, these hot sticks have large easy-to-read numbers. Other features and benefits include eye-level reading, no calculations required, and read-height is shown at the top of the base section. Positive locking buttons, spring-loaded, fast, accurate and easy to extend are some added features of the Hastings measuring stick. Also available is the combination hot stick and measuring stick.

Telescoping Measuring Sticks							
Standard	Catalog #	Extended		Retracted		Weight	
	Metric	in.	m.	in.	m.		
E-25	M-25	25'	7.5 m	65-3/4"	1.67 m	3.2 lbs	1.5 kg
E-30	M-35	30'	10.5 m	65-3/4"	1.67 m	4.5 lbs	2.7 kg
E-35	---	30'	---	65-3/4"	---	5.9 lbs	---
E-40	M-40	40'	12 m	65-3/4"	1.67 m	7.5 lbs	3.4 kg
E-50	M-50	50'	15 m	69-3/16"	1.76 m	13.2 lbs	6.0 kg
EV-25	MV-25	25'6"	7.8 m	64"	1.63 m	8.1 lbs	3.7 kg
EV-30	MV-30	30'	9.2 m	66"	1.68 m	10.0 lbs	4.5 kg
EV-35	MV-35	35'	10.6 m	68"	1.72 m	12.1 lbs	4.5 kg
EV-40	MV-40	39'6"	12 m	69"	1.75 m	14.4 lbs	6.5 kg
USTS-016-EM	USTS-016-MM	16'	4.9 m	56"	1.42 m	4 lbs	1.8 kg
USTS-020-EM	USTS-020-MM	20'	6.2 m	58"	1.47 m	5.3 lbs	2.4 kg
USTS-025-EM	USTS-025-MM	25'	7.6 m	60"	1.52 m	6.14 lbs	2.79 kg
USTS-030-EM	USTS-030-MM	30'	9.1 m	62"	1.57 m	8.14 lbs	3.69 kg
USTS-035-EM	USTS-035-MM	35'	10.6 m	63"	1.60 m	11 lbs	4.99 kg
USTS-040-EM	USTS-040-MM	40'	12.2 m	65"	1.65 m	13.8 lbs	6.26 kg
USTS-045-EM	USTS-045-MM	45'	13.7 m	66"	1.68 m	16.8 lbs	7.62 kg
USTS-050-EM	USTS-050-MM	50'	15.2 m	68"	1.72 m	20 lbs	9.07 kg

E = Standard measuring stick • M = Metric measuring stick
 EV = "No Twist" Standard combo stick • MV = "No Twist" Metric combo stick
 All USTS are combo sticks



E-25



EV-30



USTS-M

Insulated Rescue Hooks

Insulated Rescue Hooks are an invaluable tool for any workplace, used to withdraw an injured worker out of a hazardous location, including confined spaces, vaults, or near electrical cabinets and switch gear. This product features a foam-filled, fiberglass-reinforced handle that meets or exceeds ASTM F711 standards 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'.

Hastings Rescue Hook

Catalog #	Length	Weight
848-1	6'	7.5 lbs
848-2	8'	8.0 lbs

Utility Solutions Rescue Hook

Catalog #	Length	Weight
USRH-006	6'	5 lbs
USRH-008	8'	6 lbs

Salisbury Rescue Hook

Catalog #	Length	Weight
24400	3'	3.4 lbs
24401	6'	4.5 lbs
24403	8'	5.5 lbs



Hastings



Utility Solutions



Salisbury

Hot Stick Accessories

All hot stick accessories will fit one of the three choices of end fitting: quick change end, universal end and the grip all or eye screw end. These end fittings have convertible adapter options.



USSA-OHP-F
Fluorescent hot stick probe



**GRAB-IT-1, GRAB-IT-2,
GRAB-IT-3**
100-amp, 200-amp, SMU020
cutout fuse tube remover



USSA-MSC
Shoestring cutter



1900U
Switch Disconnect w/Hammer Head



9878
Pigtail disconnect



9969
Heavy-duty disconnect head



9970
Prong disconnect



4101
Double-prong tie head



4111
"V" line cleaner

Hot Stick Accessories, cont.



4108
Tubular line cleaner



1520010GAH
Brush w/handle & cover



4103
Handle for pruning saw



4104
Pruning saw w/18" blade



A11000
Universal pruning saw w/16" blade



10-019
Universal tree pruner



P10431
Universal disconnect hook



A11001
Fluorescent universal pigtail disconnect



A10022
Clamp stick head



A10019
Clamp stick universal tool adapter



A10009
Hot Stick hanger



10-178
V-brush

Hot Stick Accessories, cont.



10-180
Universal V-brush



UH-016
4" diameter x 4.25"-deep
photo electric control tester



10-115
Spray can holder w/universal fitting



10-094
Universal fuse cup



REL-DFH
Universal disconnect hook



P10041
Universal disconnect head



P10046
Universal "S" hook



5454-2
Universal ball socket fork



DV-1
Two-prong universal vine remover

Hot Stick Storage Containers

Hot stick bags are constructed of heavy vinyl with double-stitched seams and flaps that snap shut. The hot stick bags are 6" wide and are designed to hold sticks up to 4" shorter than bag length shown on chart.

Tubular PVC storage containers provide weather-tight storage. Kit includes two mounting brackets and four steel bolts, each with 6" I.D. or 4.1" tube, sized for tools 12" shorter than tube. Four mounting bolts, 3/8" x 1-1/2", are supplied with each container. Kit may be ordered without tubing or with mounting brackets only.

Salisbury Hot Stick Bags

Catalog #	Length	Weight
4297	5'	.7 lbs
4298	6'	.8 lbs
4299	6'4"	.9 lbs
4300	7'	1 lb.
4301	8'4"	1.1 lbs
4302	9'	1.2 lbs
4303	10'4"	1.4 lbs

Salisbury 4" I.D. Tubular PVC Storage Kit

Catalog #	Length	Weight
4155	7'	17 lbs
4156	9'	20 lbs

Salisbury 6" I.D. Tubular PVC Storage Kit

4167	6'	20 lbs
4168	7'	22 lbs
4169	9'	26 lbs

Hastings Carrying Case

Catalog #	Length	# of Pockets
C-432	2'	3
C-442	2'	4
C-414	4'	1
C-424	4'	2
C-434	4'	3
C-444	4'	4
C-416	6'	1
C-426	6'	2
C-436	6'	3
C-446	6'	4
C-418	8'	1
C-428	8'	2
C-8110	10'	1
C-8112	12'	1

Utility Solutions Hot Stick Storage

Catalog #	Length
USSB-003	3'
USSB-005	5'3"
USSB-006	6'3"
USSB-007	7'
USSB-009	9'
USSB-011	11'
USBC-001	3'



4297



C-426



4155

Pole-Mounted Support Arms

Support Arm with Chain Tightener

The Stand Off Support Arm is designed for temporary support of conductors up to 1-1/16" O.D. It is ideal for replacing conductors, insulators, single-phase and three-phase armless construction. It also provides an excellent means of conductor support when changing crossarms, hardware and performing routine maintenance. The support is constructed of 2-1/2" O.D. foam-filled fiberglass, fits pole diameters up to 14", has a spring take-up chain tightener, and the conductor holders are adjustable.



5018

Support Arms with Chain-Tightener				
Cat. #	Description	Max Voltage	Load Limit	Weight
5018	34" OAL with one conductor holder	15 kV	200 lbs	14 lbs
5019	34" OAL with one conductor holder and insulator	34.5 kV	200 lbs	15 lbs
5020	48-1/2" OAL with two conductor holders	15 kV	150 lbs	17 lbs
5021	48-1/2" OAL with two conductor holders and insulators	34.5 kV	150 lbs	18 lbs

Support Arm with Ratchet Binder & Nylon Strap

Safety Ratchet Binder & Nylon strap eliminates hazards of chains and chain tighteners when being used in primary voltage areas. Ratchet Binders have an extra wide handle for easy operation when wearing rubber gloves, installation and removal of arms is quick and easy and is equipped with a 2" wide nylon strap that is expandable to 44" and accommodates most structures.



5038

Support Arm with Ratchet Binder & Nylon Strap				
Cat. #	Description	Max Voltage	Load Limit	Weight
5038	34" OAL with one conductor holder	15 kV	200 lbs	12 lbs
5039	34" OAL with one conductor holder and insulator	34.5 kV	200 lbs	13 lbs
5040	48-1/2" OAL with two conductor holders	15 kV	150 lbs	15 lbs
5041	48-1/2" OAL with two conductor holders and insulators	34.5 kV	150 lbs	16 lbs

Pole-Mounted Support Arms, cont.

Super "U" Conductor Support Arms

The Super "U" Conductor Support Arms are designed for replacing conductors, insulators and maintenance of line voltages up to and including 34.5 kV phase to phase. All Super "U" Support Arms are rated with a 200 lb. working load limit per conductor holder and include insulated conductor holders for dielectric integrity.

Super "U" Conductor Support Arm		
Catalog #	Description	Weight
5045	Arm 34-3/4" OAL w/one conductor holder, ratchet and nylon strap	14.3 lbs
5046	Arm 34-3/4" OAL w/one conductor holder and chain tightener	17 lbs
5047	Arm 49-7/8" OAL w/two conductor holders, ratchet and nylon strap	18 lbs
5048	Arm 49-7/8" OAL w/two conductor holders and chain tightener	20.8 lbs

NOTE: All nylon straps should be inspected prior to each use for wear, cuts and degradation from exposure to ultraviolet rays. Suspect straps should be replaced before use.



5045

5046

Super "U" Arm Extensions

The Super "U" Arm is designed with a profile "U" shape for greater strength and durability. All arms include insulated conductor holders to ensure dielectric integrity. Arms with the standard conductor holder will accept conductors up to 1-1/16" O.D. or up to 800 MCM. All Super "U" Arms and Super "U" Conductor Supports have a load limit of 200 lbs. per wire holder.

Super "U" Arm Extensions					
Catalog #	Description	# of Wire Holders	Load Limit	Fits Max Cross Arm Sizes	Weight
7545	Standard Super "U" Arm	2	400 lbs	4-1/4" x 6-3/4"	18.8 lbs
7546	Super "U" w/large hanger loop	2	400 lbs	6" x 6"	20.4 lbs
7547	Standard Super "U" Arm	1	200 lbs	4-1/4" x 6-3/4"	15.4 lbs
7548	Super "U" w/large hanger loop	1	200 lbs	6" x 6"	17 lbs
7553	Standard Super "U" w/large capacity holders	2	400 lbs	4-1/4" x 6-3/4"	19.8 lbs



7545

Transformer Gins

Insulated Transformer Gins

Transformer Gins are used to lift transformers, cross arms and other items during pole construction. Hastings insulated transformer gins have fiberglass shafts, metal fittings made of high strength aluminum alloy, bolts that are steel-plated and chains that are a high-test alloy steel. Gins come with a chain binder or ratchet strap. Heavy duty units can be installed in two sections for easy installation. Swivel head rotates and locks at 45° intervals and can be swiveled with transformer load. Swivel head, sheaves and saddles are made from high-strength aluminum alloy.



Insulated Transformer Gins				
Catalog #	OAL	Additional Dimensions	Load Limit	Weight
5800-1	24-1/4"	Center of eye 8" from face of power pole, inside of fiberglass mast is 1" from face of power pole	1,300 lbs	8.6 lbs
5742-15	24-1/4"	Center of eye 8" from face of power pole, inside of fiberglass mast is 1" from face of power pole	1,300 lbs	10.6 lbs
5800-3	36"	Center of clevis is 11-1/2" from face of power pole, inside of fiberglass mast is 4-1/2" from face of power pole	2,500 lbs	24 lbs
12707	36"	Center of clevis is 11-1/2" from face of power pole, inside of fiberglass mast is 4-1/2" from face of power pole	2,500 lbs	26 lbs
5800-4	48"	Center of clevis is 11-1/2" from face of power pole, inside of fiberglass mast is 4-1/2" from face of power pole	2,500 lbs	33 lbs
11200	48"	Center of clevis is 11-1/2" from face of power pole, inside of fiberglass mast is 4-1/2" from face of power pole	2,500 lbs	35 lbs

Heavy-Duty Insulated Gin with Swivel Sheave Head					
Catalog #	Description	OAL	Load Limit	Weight	
9434	Load line 12" from fall line, fall line 5-1/2" from face of pole, w/saddles	45"	3,800 lbs	49 lbs	
5800-7	Load line 12" from fall line, fall line 5-1/2" from face of pole, w/ratchet & strap	45"	3,800 lbs	47 lbs	
12393	Load line 12" from fall line, fall line 5-1/2" from face of pole, w/saddles	57"	3,800 lbs	52 lbs	
5800-8	Load line 12" from fall line, fall line 5-1/2" from face of pole, w/ratchet & strap	57"	3,800 lbs	50 lbs	



9434

Metal Transformer Gins

Small metal gins are made of ductile iron and equipped with a chain binder or a ratchet strap. Large metal gins are made of cast aluminum alloy and are only available with a chain binder. The gin design allows you to straddle cross arms.

Metal Transformer Gins				
Catalog #	Description	Distance from Pole to Eye	Load Limit	Weight
5742-21	Small metal gin w/chain binder, fits over 3-3/4" x 4-3/4" cross arms	10-5/8"	1,900 lbs	11.5 lbs
5800-5	Small metal gin w/ratchet & strap, fits over 3-3/4" x 4-3/4" cross arms	10-5/8"	1,900 lbs	9.5 lbs
5742-24	Large metal gin w/chain binder, fits over 4-1/2" x 6" cross arms	11"	4,500 lbs	24 lbs



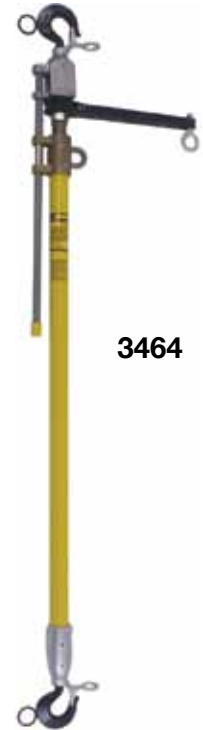
5800-5

Transformer Gins, cont.

Conductor Tension Tool

The conductor tension tool can be used for temporarily isolating sections of lines, changing out dead end insulators and line splicing. Tension tools can be installed and operated using hot sticks. The conductor hooks have hot stick eyes and hot stick operable safety latches. The metal components are heat treated aluminum alloy or bronze alloy.

Metal Transformer Gins							
Catalog #	Description	Working Range	Max Take-up	Insulation Min/Max	Length Stored	Length Extended	Weight
3464	5/35 kV tensioning tool	57" to 69"	12"	26" / 36"	59"	71"	12 lbs
3465	46/69 kV tensioning tool	69" to 81"	12"	38" / 48"	71"	83"	12.5 lbs



3464

Temporary Dead End Arms

A temporary dead end arm enables a line crew to spread conductors off an existing dead end arm to gain working clearance to replace and terminate new conductors. It has a load limit of 500 lbs. per position or 1,000 lbs. total, steel mounting brackets have multiple holes for adjustment, and can be installed on either top or bottom of existing cross arms.

Temporary Dead End Arms				
Catalog #	Description	Height Adj.	Width Adj.	Weight
7674	Arm w/3 way bracket	4-5/8", 4-7/8", 5-7/8", 6-1/8"	3-7/8", 5", 6-1/8"	34 lbs
7675	Arm w/butt swivel	4-5/8", 4-7/8", 5-7/8", 6-1/8"	3-7/8", 5", 6-1/8"	30 lbs
7676	Arm w/3 way bracket	4-5/8", 4-7/8", 5-7/8", 6-1/8"	6-1/8", 7-1/4", 8-3/8"	34.5 lbs
7677	Arm w/butt swivel	4-5/8", 4-7/8", 5-7/8", 6-1/8"	6-1/8", 7-1/4", 8-3/8"	30.5 lbs



7675

Fiberglass Extension Arms

The fiberglass extension arm is designed for use as a temporary aid in replacing existing conductors and insulators, or as an aid for moving out conductors to obtain working clearance in congested areas. The extension arms have a load limit of 150 lbs per wire holder.

2-1/2" Diameter Extension Arms—Distributing Cross Arms

Catalog #	Description	Weight
5000	5' Arm with one conductor holder	11.3 lbs
5001	5' Arm with one conductor holder & insulator	11.5 lbs
5006	6' Arm with two conductor holders	14.5 lbs
5007	6' Arm with two conductor holders & insulators	15.5 lbs

Fits maximum cross arm size 4-1/4" W X 6-3/4" H

2-1/2" Diameter Extension Arms—Sub-Transmission Arms

Catalog #	Description	Weight
5036	5' Arm with one conductor holder	12.0 lbs
5037	5' Arm with one conductor holder & insulator	12.3 lbs
5016	6' Arm with two conductor holders	14.5 lbs
5016-1	6' Arm with two conductor holders & insulators	15.5 lbs

Fits maximum cross arm size 5-1/4" W X 6" H

Temporary Side Arms

Catalog #	Description	Weight
156024NI	4' pole mounted nylon strap binder with insulators	17 lbs
156024N	4' pole mounted nylon strap binder without insulators	16 lbs
154466	4-1/4' pole mounted nylon strap binder without insulators	16 lbs

The Hastings Super "U" Arm is designed with a profile "U" shape for greater strength and durability. All arms include insulated conductor holders to ensure dielectric integrity. Arms are rated for 34.5 kV phase-to-phase work applications. The Super "U" Conductor Supports have a load limit of 200 lbs. per wire holder.

Hastings Super "U" Arm Extensions

Catalog #	Description	# of Wire	Load Limit	Fits Max Cross Arm Size	Weight
7545	Standard Super "U" Arm	2	400 lbs	4-1/4" x 6-3/4"	18.8 lbs
7546	Super "U" with large hanger loop	2	400 lbs	6" x 6"	20.4 lbs
7547	Standard Super "U" Arm	1	200 lbs	4-1/4" x 6-3/4"	15.4 lbs
7548	Standard Super "U" with large hanger loop	1	200 lbs	6" x 6"	17.0 lbs
7553	Standard Super "U" with large capacity holders	2	400 lbs	4-1/4" x 6-3/4"	19.8 lbs



5006

154466



7546

Insulated Link Sticks

Insulated link sticks are designed to isolate rope, hoists, and blocks being used between energized conductors and a pulling device. They also provide dielectric properties if the strap hoist becomes contaminated through field use. All insulated link sticks are proof-tested and marked with working load limit prior to shipment. Other lengths and configurations are available. Fiberglass used meets the requirements of ASTM F711.

Insulated Link Sticks			
Catalog #	OAL	Load Limit	Weight
50012EH	22"	2,500 lbs	3 lbs
50012EP	22"	2,500 lbs	3 lbs
5012EH	22"	2,500 lbs	2 lbs
5012	22"	1,500 lbs	2 lbs
5012R	22"	1,500 lbs	2 lbs
5112	24"	2,500 lbs	2 lbs
2512	28"	10,000 lbs	2 lbs
5708-3	3'	3,000 lbs	4.5 lbs
5708-4	5'	3,000 lbs	5.2 lbs
5709-4	5'	4,000 lbs	5.7 lbs
5710-2	5'	4,000 lbs	6.3 lbs
5710-3	7'	4,000 lbs	7.6 lbs
5715-6	7'4"	4,000 lbs	10.5 lbs
5715-8	9'4"	4,000 lbs	11.8 lbs
5720-6	7'4"	5,000 lbs	12.5 lbs
5720-8	9'4"	5,000 lbs	13.8 lbs



5708-3

5012-EH

5012

Temporary Cross Arm

The temporary cross arm is an excellent tool for changing cross arms. Solid fiberglass arms for maximum strength are rated for 34.5 kV phase-to-phase. Installation is easy and fast with a two-piece assembly, and the mounting base includes a ratchet and strap assembly that is lightweight and safe. The U-shape design fits over a pole top pin. Fiberglass arm includes two conductor holders with insulators, and will accept conductors up to 1-1/16" O.D. Conductor latches are hot stick-operable. Captive bolts and washers on arm assembly enable the arm to be mounted to the base. Load Limit is 150 lbs. per side.

Temporary Cross Arm		
Catalog #	Description	Weight
5051	64" wide, two conductor holders, complete with mounting base	27 lbs
5053	64" wide, two conductor holders, complete with mounting base and A10039 in place of standard conductor holders	28 lbs
5054	74" wide, three conductor holders, complete with mounting base	33 lbs
5055	74" wide, three conductor holders, complete with mounting base and A10039 in place of standard conductor holders	34 lbs



5051

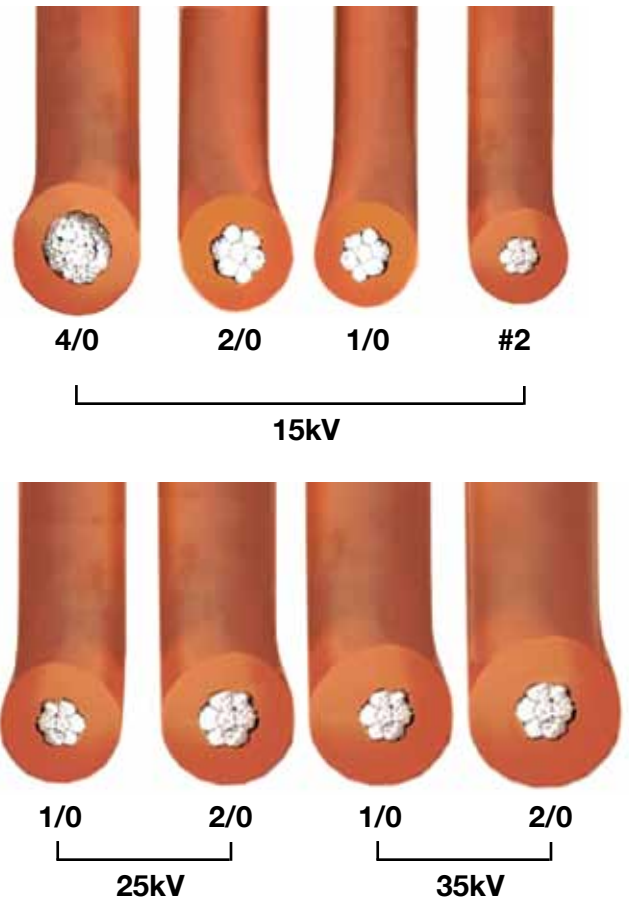
Insulated Jumper Cables and Ferrules

Insulated Jumper Cables

Insulated jumper cables are lightweight and resistant to oil, heat, moisture, ultraviolet rays and abrasion. All jumper cables use fine-stranded alloy-coated copper conductor and a new ethylene propylene rubber (EPR) low-temperature cured jacket. The conductor has a semiconducting shield surrounding it to relieve voltage stress and to improve dielectric strength and service life.

Insulated Jumper Cables				
Cat. #	Size & Str. AWG	kV Rating	Max Amps	Weight per 1k Ft
2754	#2 – 259W	15	200	440 lbs
2755	1/0 – 413W	15	250	600 lbs
2756	2/0 – 427W	15	300	710 lbs
2757	4/0 – 437W	15	400	1,050 lbs
12198	#2 – 259W	15	200	440 lbs
12199	1/0 – 427W	15	250	600 lbs
12200	2/0 – 427W	15	300	710 lbs
12201	4/0 – 532W	15	400	1,050 lbs
21300	1/0 – 413W	25	250	650 lbs
21060	2/0 – 427W	25	300	750 lbs
6874	2/0 – 427W	25	300	903 lbs
2059	1/0 – 413W	35	250	950 lbs
4370	2/0 – 427W	35	300	1,060 lbs
6859	1/0 – 427W	35	250	1,130 lbs

Cable meets ASTM F2321 requirements



Ferrules

Ferrules are manufactured in two different styles—shrouded and unshrouded. Shrouded ferrules are compressed on both the conductor and the insulated 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-installed or glove-installed jumpers.

Shrouded Ferrules		
Cat. #	Cable Size	Weight
2012	#2-15 kV	1.2 lbs
2013	1/0-15 kV	1.2 lbs
2014	2/0-15 kV	1.1 lbs
2015	4/0-15 kV	.9 lbs
21353	1/0-25 kV	1.1 lbs
21354	2/0-25 kV	1.1 lbs
21356	2/0-35 kV	1.1 lbs

Unshrouded Ferrules		
Cat. #	Cable Size	Weight
2022	#2	.5 lbs
2023	1/0	.4 lbs
2024	2/0	.4 lbs
2025	4/0	.6 lbs
13100	#2	.3 lbs
13101	1/0	.3 lbs
13102	2/0	.3 lbs
13103	4/0	.4 lbs



Insulated Jumpers

Salisbury Jumper Clamps

The Salisbury Sure-Lok® Jumper Clamp is a revolutionary improvement over any other jumper clamp, featuring a ratchet-type locking mechanism. This clamp tightens with a ratchet action using one hand, with no extra tools for a secure, positive connection. Pull and turn the locking knob and it loosens like any traditional clamp. The Salcor® jumper clamps resists ozone cutting and tracking. The handles are inherently impact resistant and extremely durable. Clear plastic jumper clamps are compact, lightweight and virtually unbreakable. The transparency allows for easy inspection of the ferrule and cable inside of the handle. FRP Jumper Clamps are designed for maximum loads, voltages and cables. Blunted points on the handle provide optimum grip, resist impact and will not soften with overloads. The body and jaws of all these clamps are made from a copper-base alloy and the lower ring contact is made of a self-lubricating bronze.



1786



1610



2260

Salisbury Jumper Clamps						
Cat. #	Description	Main Line Range	Max Amps	Rating	OAL	Weight
2261	Salcor® Sure-Lok® Jumper Clamp	477 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	10 lbs
2271	Salcor® Sure-Lok® Jumper Clamp	954 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	11 lbs
1786	Clear plastic Sure-Lok® Jumper Clamp	477 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	8 lbs
2116	Clear plastic Sure-Lok® Jumper Clamp	954 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	10 lbs
2260	Salcor® Jumper Clamp	477 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	10 lbs
2270	Salcor® Jumper Clamp	954 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	11 lbs
1785	Clear plastic Jumper Clamp	477 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	8 lbs
2115	Clear plastic Jumper Clamp	954 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11.5"	10 lbs
1610	FRP Jumper Clamp	954 MCM	400	36 kV Ø-Ø, 21 kV Ø-GRD	11"	14 lbs

Hastings Jumper Clamps

The Hastings jumper clamps have bronze clamping rings that have serrated contact surfaces to ensure good electrical contact with conductors. Thrust bearing design provides low friction for tightening clamps and grip tabs are molded for easy gripping with rubber gloves.



13004



13768

Hastings Jumper Clamps					
Cat. #	Description	Main Line Range	Max Amps	Rating	Weight
13004	Medium range jumper clamp yellow	556-5 MCM	400	15 kV	1.6 lbs
13765	Medium range jumper clamp clear	556-5 MCM	400	15 kV	1.6 lbs
11000	Large range jumper clamp yellow	954 ACSR	400	15 kV-35 kV	2.7 lbs
13768	Large range jumper clamp clear	954 ACSR	400	15 kV-35 kV	2.7 lbs

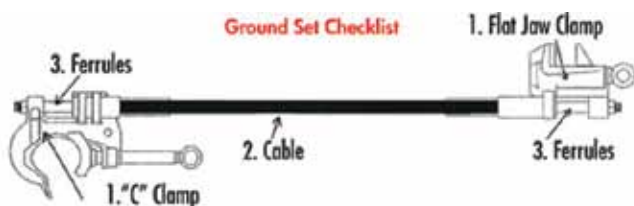
Temporary Protective Grounding Equipment

A grounding assembly in its basic form consists of two clamps, one pair of ferrules and a defined length of cable. The clamps can be identical to each other, or quite different, depending on each grounding application. Because of this, ground clamps are sold individually and not in pairs. TMD offers a wide variety of clamps including: C-clamps, flat jaw clamps, socket clamps, duckbill clamps and specialty clamps for unique situations. Clamps are offered in either bronze or aluminum alloys, and are manufactured to meet the current specifications of ASTM F 855. Attaching a clamp to a grounding cable requires the use of a ferrule. Ferrules are compressed on strands of cable to provide a low resistant permanent connection. The size of the ferrule is determined by the size of the cable. Ferrules are available in aluminum or plated copper. Plated copper ferrules can be used with either aluminum or bronze clamps. Two ferrules are required for each assembly; therefore, they are sold in pairs. Ferrules are manufactured to meet the specifications of ASTM F 855. The final component that makes up a ground set is the grounding cable itself. The size of the cable is dependent on the short circuit current capacity of the system being grounded. Once this is determined, only the length of the cable and the color of the jacket need to be specified to complete the assembly.



Single Grounding Assemblies are used for many standard application needs and offer versatility to the user when performing temporary grounding.

Grounding Clusters are used to make it easy for a single line worker to apply multiple grounding assemblies on a three phase system.



1. Specify the clamps. Two are required for a complete assembly. The maximum amperage of the clamp is designated by the ASTM grade of each clamp. Be sure that the clamp will meet or exceed the maximum amperage rating of the ground cable that it will be used with.
2. Specify the cable. Once the short circuit capacity of the system has been determined, choose the appropriate size cable. Specify the cable length, and the color of the jacket desired.
3. Specify the ferrules. One pair of ferrules is required per assembly. The size of the ferrule must match the size of the cable that it will be used with. Specify copper or aluminum and shrouded or non-shrouded.
4. Specify the options. List any optional equipment that is desired. This can include hanger studs, contact studs, heat shrink tubing, markings, clear strain relief, etc.

24309



2680



Small "C" Type Grounding Clamps

Small "C" Type Grounding Clamps				
Catalog #	Description	ASTM Grade*	Main Line Range	Weight
4200	.83" w/strain relief sleeve, smooth upper jaw, "V" thread, curved smooth lower jaw, bronze, eye	5	477 MCM 18 x 1 ACSR to #8 .83" - .12" (21 mm - 3 mm) Dia.	1.1 lbs
21067	.83" w/o strain relief sleeve, smooth upper jaw, "V" threaded, curved smooth lower jaw, bronze, eye	5		1.0 lbs
4260	.83" smooth upper jaw, "V" threaded, curved serrated lower jaw, bronze, eye	5		1.1 lbs
21068	.83" smooth upper jaw, "V" threaded, curved serrated lower jaw, bronze, eye	5		1.0 lbs
2531	1.12" w/strain relief sleeve, smooth upper jaw, acme threaded, flat lower jaw, aluminum, eye	5	795 MCM 26 x 7 ACSR to #8 1.12" - .12" (29 mm - 3 mm) Dia.	1.1 lbs
2532	1.12" w/o strain relief sleeve, smooth upper jaw, acme threaded, flat lower jaw, aluminum, eye	5		1.1 lbs
2533	1.12" mounted, smooth upper jaw, acme threaded, flat lower jaw, aluminum, eye	5		4.2 lbs
4388	1.12" w/strain relief sleeve, smooth upper jaw, acme threaded, curved lower jaw, aluminum, eye	5		1.5 lbs
4389	1.12" w/o strain relief sleeve, smooth upper jaw, acme threaded, curved lower jaw, aluminum, eye	5		1.1 lbs
9985	1.12" w/strain relief sleeve, smooth jaw, acme threaded, bronze, eye	5		1.9 lbs
2937	1.12" w/o strain relief sleeve, smooth jaw, acme threaded, bronze, eye	5		1.8 lbs
4280	1.12" mounted, w/strain relief sleeve, smooth jaw, acme threaded, bronze, eye	5		4.9 lbs
4187	1.12" serrated jaw, acme threaded, bronze, eye	5		1.9 lbs
4242	1.12" w/strain relief sleeve, smooth jaw, acme threaded, bronze, "T" & eye	5		1.9 lbs
9993	1.12" w/strain relief sleeve, smooth jaw, acme threaded, aluminum, "T" & eye	5		1.9 lbs
TP75ACAT15	.75" smooth jaw, threaded, w/o strain relief system, stainless steel eye, aluminum	5		2 Ø MCM ACSR to #6 .19" - .75" (4.8 mm - 19 mm) Dia.
7640001EB	.75" smooth jaw, threaded, w/o strain relief system, bronze eye, aluminum	5	1.0 lbs	
76400S1E	.75" serrated jaw, threaded, w/o strain relief system, stainless steel eye, aluminum	5	1.0 lbs	
76400S1EB	.75" serrated jaw, threaded, w/o strain relief system, bronze eye, aluminum	5	1.0 lbs	
7640CM1E	.75" smooth jaw, threaded, w/o strain relief system, stainless steel eye, bronze	5	3.0 lbs	
7640CMS1E	.75" serrated jaw, threaded, w/o strain relief system, stainless steel eye, bronze	5	3.0 lbs	
21552	Serrated jaw, bronze, threaded, eye	5	500 MCM .813 Dia 8 solid .128 Dia	1.4 lbs
11190	Serrated jaw, aluminum, bolted, eye	5	1,035 MCM ACSR 1.25 Dia 8 Solid .12 Dia	1.3 lbs
11192	Smooth upper jaw, serrated lower jaw, aluminum, bolted, eye	5		1.3 lbs

*Reference ASTM table on page 74



11190



4187



21552



9985



TP75ACAT15



9993

Mid-Range/Large "C" Clamps

Mid-Range/Large "C" Clamps				
Catalog #	Description	ASTM Grade*	Main Line Range	Weight
9984	1.25" w/strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, bronze, eye	5	1035.5 MCM ACSR to #6 1.25" - .16" (32 mm - 4 mm) Dia.	2.2 lbs
1897	1.25" w/o strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, bronze, eye	5		2.1 lbs
4255	1.25" w/strain relief sleeve, acme threaded, smooth jaw, curved lower jaw, bronze, eye	5		2.2 lbs
21069	1.25" w/o strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, bronze, eye	5		2.1 lbs
4279	1.25" w/strain relief sleeve, acme threaded, smooth jaw, curved lower jaw, bronze, eye	5		2.2 lbs
21070	1.25" w/o strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, bronze, eye	5		2.1 lbs
24410	1.25" w/strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, aluminum, eye	5		2.2 lbs
1895	1.5" w/strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, aluminum, eye	5	1431 MCM ACSR to #6 1.5" - .16" (38 mm - 4 mm) Dia.	1.7 lbs
2195	1.5" w/o strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, aluminum, eye	5		1.5 lbs
1896	1.5" mounted, w/strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, aluminum, eye	5		4.8 lbs
21099	1.5" w/strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, aluminum, "T" & eye	5		1.7 lbs
21074	2" w/strain relief sleeve, acme threaded, smooth jaw, curved lower jaw, aluminum, eye	5H	3000 MCM ACSR to #6 2" - .16" (51 mm - 4 mm) Dia.	2.1 lbs
20175	2" w/o strain relief sleeve, acme threaded, smooth jaw, curved lower jaw, aluminum, eye	5H		2 lbs
20882	2" w/strain relief sleeve, acme threaded, serrated jaw, curved lower jaw, aluminum, eye	5H		2.1 lbs
21077	2" w/o strain relief sleeve, acme threaded, serrated jaw, curved lower jaw, aluminum, eye	5H		2 lbs
1923	2.4" w/strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, aluminum, eye	5	2.0" I.P.S. to #6 2.4" - .16" (61 mm - 4 mm) Dia.	2.1 lbs
4377	2.4" w/strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, aluminum, oval eye	5		2.1 lbs
4240	2.4" w/o strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, aluminum, eye	5		2 lbs
1924	2.4" mounted w/strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, aluminum	5		5.1 lbs
1921	2.4" w/strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, aluminum, eye	5		2.2 lbs
4390	2.4" w/strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, aluminum, oval eye	5		2.2 lbs
1922	2.4" mounted w/strain relief sleeve, acme threaded, serrated jaw, flat lower jaw, aluminum	5		5.2 lbs
4295	2.4" w/strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, bronze, eye	5H		4.1 lbs
4311	2.4" w/o strain relief sleeve, acme threaded, smooth jaw, flat lower jaw, bronze, eye	5H		4 lbs

*Reference ASTM tables on page 74



1895



21074



21307



21575

Mid-Range/Large "C" Clamps, cont.

Mid-Range/Large "C" Clamps				
Catalog #	Description	ASTM Grade*	Main Line Range	Weight
TP125ACAT15	1.25" w/o strain relief system, threaded, smooth jaw, stainless steel eye, aluminum	5	900 MCM ACSR to #6 .19" – 1.25" (4.8 mm – 31.8 mm) Dia.	1 lbs
760001E	1.25" w/o strain relief system, threaded, smooth jaw, stainless steel eye, aluminum	5		1 lbs
760001RT	1.25" w/o strain relief system, threaded, smooth jaw, stainless steel removable T, aluminum	5		1 lbs
760001T	1.25" w/o strain relief system, threaded, smooth jaw, stainless steel T-handle, aluminum	5		1 lbs
760001PSE	1.25" w/o strain relief system, threaded, smooth jaw, w/parking stand, stainless steel eye, aluminum	5		1.3 lbs
760001CS	1.25" w/o strain relief system, threaded, serrated jaw, w/steel parking stand, stainless steel eye, aluminum	5		1.3 lbs
7600S1PSE	1.25" w/o strain relief system, threaded, serrated jaw, w/parking stand, stainless steel eye, aluminum	5		1.3 lbs
760CM1E	1.25" w/o strain relief system, threaded, smooth jaw, stainless steel eye, bronze	5		3.3 lbs
760MS1E	1.25" w/o strain relief system, threaded, serrated jaw, stainless steel eye, bronze	5		3.3 lbs
760SR1EB	1.5" w/strain relief system, threaded, smooth jaw, bronze eye, aluminum	5		1035.5 MCM ACSR to #6 .19" – 1.5" (4.8 mm – 38 mm) Dia.
TP125ACAT15-SR	1.5" w/strain relief system, threaded, smooth jaw, stainless steel eye, aluminum	5		5 lbs
TP2ACAT15	2.13" w/o strain relief system, threaded, smooth jaw, stainless steel eye, aluminum	5	3000 MCM ACSR to #6 .25" – 2.13" (6.4 mm – 54 mm) Dia.	2 lbs
TP2ACBT15	2.13" w/o strain relief system, threaded, serrated jaw, stainless steel eye, aluminum	5		2 lbs
76600E1	2.13" w/o strain relief system, threaded, stainless steel eye, aluminum	5		2 lbs
7512B	2.5" w/o strain relief system, threaded, smooth jaw, stainless steel bayonet, aluminum	5	2.0" I.S.P. to #6 .05" – 2.5" (12.7 mm – 63.5 mm) Dia.	4 lbs
7512Q	2.5" w/o strain relief system, threaded, smooth jaw, stainless steel quick change, aluminum	5		4 lbs
7512E	2.5" w/o strain relief system, threaded, smooth jaw, stainless steel eye, aluminum	5		4 lbs
21070	Serrated jaw, bronze, threaded, eye	5	2.88 O.D. cable or bus 6 solid .16 Dia	3.3 lbs
21307	Serrated jaw, bronze, threaded, eye	5	1.033 MCM ACSR 1.25 Dia. 6 solid .16 Dia	2.3 lbs
21575	Serrated jaw, aluminum, threaded, eye	5	1.50" Dia. cable or bus 6 solid .16 Dia.	1.5 lbs
10375	Serrated jaw, aluminum, threaded, eye	5	2" Dia. Cable or bus 4 solid .18 Dia.	1.8 lbs
10376	Serrated jaw, smooth upper jaw, aluminum, threaded, eye	5		1.8 lbs
3172	Smooth jaw, aluminum, bolted, eye	5	2" Dia. Cable or bus 6 solid .16 Dia	2.4 lbs

*Reference ASTM tables on page 74



24410



3172



7512B



760001E

766001E

Flat Face Grounding Clamps

Flat Face Grounding Clamps				
Catalog #	Description	ASTM Grade*	Main Line Range	Weight
1814	Grade 3 "T" screw w/ strain relief sleeve, serrated jaw, "V" thread, bronze	3	1.5" - .06" Flat or Square 1.26" - .06" (32 mm - 1.5 mm) Dia.	1.7 lbs
1815	Grade 3 eye screw w/strain relief sleeve, serrated jaw, "V" thread, bronze	3		1.6 lbs
4345	Grade 5 "T" screw on top, w/strain relief sleeve, serrated jaw, acme threaded, aluminum	5		2.1 lbs
24442	Grade 5 "T" screw on bottom, w/strain relief sleeve, serrated jaw, acme threaded, aluminum	5		2.1 lbs
4369	Grade 5 eye screw on top, w/strain relief sleeve, serrated jaw, acme threaded, aluminum	5		2 lbs
24441	Grade 5 eye screw on bottom, w/strain relief sleeve, serrated jaw, acme threaded, aluminum	5		2 lbs
760002E	1.4" w/o strain relief system, stainless steel eye, serrated jaw, pin, aluminum	5		.19" - 1.4" (4.8 mm - 35.6 mm) Dia.
760002EB	1.4" w/o strain relief system, bronze eye, serrated jaw, pin, aluminum	5	1 lb	
760002T	1.4" w/o strain relief system, stainless steel T-handle, serrated jaw, pin, aluminum	5	1 lb	
760SR3E	1.4" w/strain relief system, stainless steel eye, serrated jaw, threaded, aluminum	5	1.5 lbs	
760CMSR3E	1.4" w/strain relief system, stainless steel eye, threaded, serrated jaw, bronze	5	4.5 lbs	
760003B	1.5" w/o strain relief system, stainless steel bayonet, serrated jaw, threaded, aluminum	5	19" - 1.4" (4.8 mm - 35.6 mm) Dia.	
760003E	1.5" w/o strain relief system, stainless steel eye, serrated jaw, threaded, aluminum	5		1.2 lbs
760003EB	1.5" w/o strain relief system, stainless steel eye, serrated jaw, threaded, aluminum	5		1.2 lbs
760CM3T	1.5" w/o strain relief system, stainless steel T-handle, serrated jaw, threaded, bronze	5		3.2 lbs
760CM3T	1.5" w/o strain relief system, stainless steel eye, serrated jaw, threaded, bronze	5		3.2 lbs
73025T	2.5" w/o strain relief system, stainless steel T-handle, smooth jaw, threaded, aluminum	5	.3" - 1.6" (8 mm - 41 mm) Dia.	2.5 lbs
7304T	4" w/o strain relief system, stainless steel T-handle, smooth jaw, threaded, aluminum	5	.25" - .94" (6 mm - 24 mm) Dia.	3.3 lbs
7314T	4" w/o strain relief system, stainless steel T-handle, smooth jaw, pin + threaded, aluminum	5		
7320SB	4" w/o strain relief system, stainless steel bayonet, smooth jaw, pin + threaded, aluminum	5	.4" - 2.5" (10 mm - 64 mm) Dia.	5 lbs
7320PGA	4" no ground lead w/spike point, stainless steel grip-all, smooth jaw, pin + threaded, aluminum	5	.25" - .94" (6 mm - 24 mm) Dia.	3.3 lbs
7316E	4" w/copper parking stand, stainless steel eye, smooth jaw, aluminum	5	Inside Angle 4" max	
7304DE	4" w/copper parking stand, stainless steel eye, smooth jaw, aluminum	5	Outside angle 4" max	
9123CC	1.5" T-handle, teeth, bolted, bronze	5		3.5 lbs
9153CC	1.5" eye screw, teeth, bolted, bronze	5		3.5 lbs
21571	1.5" eye screw, serrated, threaded, bronze	5		2.2 lbs
21608	1.5" T-handle, serrated, threaded, bronze	5		2.4 lbs
9123	1.5" T-handle, teeth, bolted, aluminum	5		1.2 lbs
9153	1.5" eye screw, teeth, bolted, aluminum	5		1.2 lbs

*Reference ASTM tables on page 74

Flat Face Grounding Clamps, cont.



1814



4345



7304DE



73025T



21571



9123



7575FTE



7541T



760CM3E

Snap-On Grounding Clamps

Snap-On Grounding Clamps					
Catalog #	Description	ASTM Grade*	Main Line Range	Weight	
1793	.96" smooth jaw, gravity actuated, bronze, eye	4	556 MCM ACSR to #6 .96" - .16" (24 mm - 4 mm) Dia.	1.3 lbs	
21080	.96" smooth jaw, gravity actuated, bronze, eye	4		1.1 lbs	
1797	.96" smooth jaw, gravity actuated, bronze, mounted	4		4.3 lbs	
21030	1.1" smooth jaw, spring loaded, aluminum, eye	5	795 MCM ACSR to #6 1.1" - .16" (28 mm - 4 mm) Dia.	1.1 lbs	
21059	1.1" smooth jaw, spring loaded, aluminum, eye	5		1.0 lbs	
21081	1.1" smooth jaw, spring loaded, aluminum, mounted	5		4.3 lbs	
2553	1.66" serrated jaw, spring loaded, aluminum, eye	5	1590 MCM ACSR to #6 1.66" - .16" (42 mm - 4 mm) Dia.	1.4 lbs	
1855	1.66" serrated jaw, spring loaded, aluminum, mounted	5		4.7 lbs	
1853	1.66" serrated jaw, acme threaded, aluminum, eye	5		1.5 lbs	
TP125ADAT15	1.13" smooth jaw, threaded, aluminum, stainless steel eye	3	795 MCM ACSR to #6 .19" - 1.13" (4.8 mm - 28.7 mm) Dia.	1.4 lbs	
768E	1.13" smooth jaw, threaded, aluminum, open clamp, stainless steel eye	3		1.4 lbs	
767PSE	1.63" smooth jaw, threaded, aluminum, stainless steel eye, w/AL parking stand	3	954 MCM ACSR to #6 .19" - 1.63" (4.8 mm - 41 mm) Dia.	1.6 lbs	
760006E	1.63" smooth jaw, threaded, aluminum, stainless steel eye	5		3.0 lbs	
760SR6E	1.63" smooth jaw, threaded, aluminum, stainless steel eye, w/strain relief	5		2.2 lbs	
760SR6PSE	1.63" smooth jaw, threaded, aluminum, stainless steel eye, w/AL parking stand & strain relief	5		1.6 lbs	
TP15ADBT15	1.63" serrated jaw, threaded, aluminum, stainless steel eye	5		3.0 lbs	
TP15ADBT15-SR	1.63" serrated jaw, threaded, aluminum, stainless steel eye, w/strain relief	5		2.2 lbs	
761E	1.63" smooth jaw, pin, aluminum, stainless steel eye, w/AL parking stand	3		1.4 lbs	
1810-2	Smooth jaws, bronze, bolted, eye	3		336.4 MCM ACSR to 6 solid .75" - .16" Dia.	1.1 lbs
4706-4	Serrated jaw, aluminum, bolted, eye	5		954 MCM ACSR to 6 solid 1.15" - .16" Dia.	1.5 lbs
10476	Smooth jaw, aluminum, threaded, eye	5		900 ACSR 556 MCM to 6 solid 1.16" - .162" Dia.	1.5 lbs
10477	Serrated jaw, aluminum, threaded, eye	5	1.5 lbs		
10478	Smooth jaw, aluminum, bolted, eye	5	1.5 lbs		

*Reference ASTM tables on page 74

Snap-On Grounding Clamps, cont.



10476



10478



1793



1853



21030



4706-4



760SRS6E



TP125ADAT15



768E

Specialty Grounding Clamps

Specialty Grounding Clamps					
Catalog #	Description	ASTM Grade*	Main Line Range	Tap Size	Weight
2567	5/8" – 11NC connection, heavy duty, w/strain relief sleeve, serrated flat jaw, bronze	5H	Angles & Flats 2.5"-4" WX (64-101 mm x 3-19 mm) Rounds: .25"-.75" (6 mm-19 mm) Dia.	5/8 – 11 UNC max. cable Size 4/0 type V Compression Ferrules	4 lbs
2667	2567 Clamp w/ contact stud, heavy duty, serrated flat jaw, bronze	5			5 lbs
2577	¾" – 10NC connection, heavy duty, w/strain relief sleeve, serrated flat jaw, bronze	6		¾ - 10 UNC max. cable size 250 MCM type V Compression Ferrules	4 lbs
TAP SIZE					
4310	Cutout clamps, "V" thread, w/ferrule connection, bronze, eye	5	5/8 – 11 UNC Max. Cable size: 470 Type VI	Threaded stud Compression Ferrules	2.1 lbs
4373	Cutout clamps, "V" thread, w/contact stud, bronze, eye	5			3.3 lbs
MAIN LINE RANGE					
2155	Stringing ground, w/alloy rollers & smooth contacts	5	1033.5 MCM ACSR to #2 Solid 1.26"-.25" (32 mm-6 mm) Dia. Splice: 1.5" (38 mm) Dia.		5.3 lbs
CONTINUOUS CURRENT RATING					
21190	Ball and socket clamp w/strain relief sleeve	5	400 Amps		1.2 lbs
21277	Ball and socket clamp w/o strain relief sleeve	5	400 Amps		1.1 lbs
22675	1" ball stud c-clamp w/strain relief	5H	400 Amps		2.7 lbs
22704	1" ball stud c-clamp w/o strain relief	5	400 Amps		2.6 lbs
MAIN LINE RANGE					
7640002E	1.63" cutout clamp, w/o strain relief sleeve, threaded, stainless steel eye, smooth jaw, aluminum	3	.188" – 1.63" (4.77 mm – 41.4 mm) Dia.		1 lb
7640002EB	1.63" cutout clamp, w/o strain relief sleeve, threaded, bronze eye, smooth jaw, aluminum	3		1 lb	
7640002PSEB	1.63" cutout clamp, w/o strain relief sleeve, threaded, stainless steel eye, w/Al. Dbl. Parking stand, smooth jaw, aluminum	3		1.2 lbs	
7640CM2T	1.63" cutout clamp, w/o strain relief sleeve, threaded, stainless steel t-handle, smooth jaw, bronze	3		2 lbs	
7560	5.75" running rail clamp, pin, stainless steel toggle handle, smooth jaw, aluminum	5	5" – 5.75"		5 lbs
7561A	4" power rail clamp, pin, stainless steel bayonet, smooth jaw, aluminum	5	0" – 4"		7 lbs
7561B	4" power rail clamp, threaded, stainless steel bayonet, smooth jaw, aluminum	5		7 lbs	
78000	1.63" traveling ground clamps, pin/threaded, stainless steel eye, w/ contact stud, smooth jaw, aluminum	3	.125" – 1.63"		10 lbs

*Reference ASTM tables on page 74

Specialty Grounding Clamps, cont.

Specialty Grounding Clamps				
Catalog #	Description	ASTM Grade*	Tap Size	Weight
CONTINUOUS CURRENT RATING				
7542CM1B	Ball & socket system, smooth jaw, threaded, w/ stainless steel bayonet	5	400 Amps	1.5 lbs
7542CM1E	Ball & socket system, smooth jaw, threaded, w/ stainless steel eye	5	400 Amps	1.5 lbs
7542CM1PG	Ball & socket system, smooth jaw, threaded, w/ bronze posigrip	5	400 Amps	1.5 lbs
7542CM1T	Ball & socket system, smooth jaw, threaded, w/ stainless steel T-handle	5	400 Amps	1.5 lbs
7542CM2E	Ball & socket system, smooth jaw, pin, w/ stainless steel eye	5	400 Amps	1.5 lbs
21720	Ball & socket clamps, threaded, bronze, eye	5	400 Amps	.9 lbs
21726	Ball & socket clamps, threaded, bronze, T-handle	5	400 Amps	1.4 lbs
MAIN LINE RANGE				
21703	Multi-purpose ground clamp, aluminum, eye	5	556 MCM .86 Dia. 6 Solid .16 Dia.	1.1 lbs

*Reference ASTM tables on page 74



21192



2155



21578



21703



7542CM1EB



4310



22675



7640002PSE



VG01GA

Grounding Clamps for Substation Buses

Grounding Clamps for Substation Buses				
Catalog #	Description	ASTM Grade*	Main Line Range	Weight
4282	3.5" aluminum "C" clamp, acme threaded, smooth jaw w/flat lower jaw, strain relief sleeve, eye	5	3" – 1.5" I.P.S. 3.5" – 1.75" (89 mm – 44 mm) Dia.	2.8 lbs
4283	3.5" aluminum "C" clamp, acme threaded, mounted, smooth jaw w/flat lower jaw, strain relief sleeve	5		5.8 lbs
21953	3.5" aluminum "C" clamp, acme threaded, smooth jaw w/ flat lower jaw, strain relief sleeve, eye	5H		2.9 lbs
4341	3.5" aluminum "C" clamp, acme threaded, smooth upper jaw w/flat serrated lower jaw, strain relief sleeve, long eye screw	5	3" I.P.S. to #6 3.5" - .16" (89 mm – 4 mm) Dia.	2.9 lbs
21985	3.5" aluminum "C" clamp, acme threaded, serrated jaw w/flat lower jaw, strain relief sleeve, long eye screw	6		3 lbs
2991	6.62" adjustable aluminum "C" clamp for round, square, rectangle or "H" section, acme threaded, smooth jaw w/flat lower jaw, strain relief sleeve, eye	5H	6.12" I.P.S. 6.62" - .4" (168 mm – 40 mm) Dia.	6.9 lbs
2993	6.62" adjustable aluminum "C" clamp for round, square, rectangle or "H" section, acme threaded, smooth jaw w/ flat lower jaw, welded single contact stud, no ferrule connection, eye	5		7 lbs
9967	6.62" adjustable aluminum "C" clamp for round, square, rectangle or "H" section, acme threaded, mounted, smooth jaw w/flat lower jaw, welded double contact stud, no ferrule connection	5		7.3 lbs
4378	6.62" adjustable aluminum "C" clamp for round, square, rectangle or "H" section, acme threaded, smooth jaw w/flat lower jaw, strain relief sleeve, oval eye	5		6.9 lbs
7541E	4.4" aluminum clamps, threaded, w/o strain relief system, stainless steel eye, serrated jaw	5	.31" – 4.25" (7.9 mm – 112 mm) Dia.	2 lbs
7541T	4.4" aluminum clamps, threaded, w/o strain relief system, stainless steel T-handle, serrated jaw	5		2 lbs
7542B	4.4" aluminum clamps, pin, w/o strain relief system, stainless steel bayonet, serrated jaw	5		2 lbs
21056	Bronze, eye screw, flat lower jaw, w/hanger stud	6	5" O.D. 1 ¼" O.D.	4.5 lbs
21546-1	Bronze, eye screw, flat serrated lower jaw w/hanger stud	5	3 5/8" x 2 ¼" Rectangular bus	4.4 lbs
4367-2	Aluminum, bolted, smooth jaw, curved serrated lower jaw, eye screw	2	4" x ½" flat bus or .875 dia bus 6 sol .16 dia	2.4 lbs
4367-1	Aluminum, bolted, serrated jaw, curved serrated lower jaw, eye screw	2	3" x 3" square bus 6 solid .16 dia	2.4 lbs
9071	Aluminum, bolted, smooth jaw, flat smooth lower jaw, eye screw	6	3" dia bus or cable 6 str .18 dia	4.2 lbs
12282	Aluminum, bolted, smooth jaw, serrated lower jaw, eye screw	6	6.625 dia bus 1/0 str .398 dia	5.5 lbs
21057	Aluminum, bolted, smooth jaw, serrated lower jaw, copper bar, eye screw	6	6.625 dia / 9 ½" copper bar 1/0 str .398 dia	8.7 lbs

*Reference ASTM tables on page 74

Grounding Clamps for Substation Buses, cont.



4341



2991



4282



7310E



R101DE



73065E



21056



12282



4367-2

Underground Grounds

Underground Grounding Sets		
Catalog #	Description	Weight
2910	3 phase delta, 15 kV elbow w/ 1/0 cable connector	1.7 lbs
2912	3 phase delta, 15 kV elbow w/ 2/0 cable connector	1.7 lbs
2935	3 phase delta, 25 kV elbow w/ 1/0 cable connector	2 lbs
2936	3 phase delta, 25 kV elbow w/ 1/0 cable connector	2 lbs
2961	3 phase delta, 15 kV single phase, 6 ft. 1/0 cable w/ bag	10 lbs
2962	3 phase delta, 15 kV single phase, 6 ft. 1/0 cable w/o bag	8 lbs
2963	3 phase delta, 15 kV three phase, 1/0 cable w/ bag	22 lbs
22630	3 phase delta, 15 kV three phase, 1/0 cable w/o bag	20 lbs
2971	3 phase delta, 25 kV single phase, 6 ft. 1/0 cable w/ bag	13 lbs
22631	3 phase delta, 25 kV single phase, 6 ft. 1/0 cable w/o bag	11 lbs
2973	3 phase delta, 25 kV three phase, 1/0 cable w/ bag	24 lbs
22632	3 phase delta, 25 kV three phase, 1/0 cable w/o bag	22 lbs
7603	Concentric neutral jumper assembly, 3/4" to 2" cable dia.	12 lbs
7603GA	Concentric neutral grip-all assembly, 3/4" to 2" cable dia.	12 lbs
7604	Concentric neutral assembly, 2" to 4" cable dia.	12 lbs
7604GA	Concentric neutral grip-all assembly, 2" to 4" cable dia.	12 lbs
DBGS15kV	15 kV underground dead break ground set: including 3-6' ground jumpers, 3- low profile transformer ground studs, 3- 15 kV ground elbows, 3- 15 kV ground standoff w/ spring bail & 1 protective bag	21 lbs
LBE15Y6G	15 kV single underground grounding assembly	9 lbs
ES1Y21015LB	15 kV set underground grounding assembly	22 lbs
LBE25Y33G	25 kV single underground grounding assembly	10 lbs
ES1Y21025LB	25 kV set underground grounding assembly	23 lbs
ES10Y635LB	35 kV single underground grounding assembly	10 lbs
ES1Y21035LB	35 kV set underground grounding assembly	23 lbs
DBE156G	200 amp dead break elbow grounding set, single, 15 kV	8 lbs
DBE1533G	200 amp dead break elbow grounding set, set, 15 kV	20 lbs
LBE156G	200 amp load break elbow grounding set, single, 15 kV	9 lbs
LBE1533G	200 amp load break elbow grounding set, set, 15 kV	22 lbs
ES1LY635	200 amp load break elbow grounding set, single, 35 kV	10 lbs
LBE35Y33G	200 amp load break elbow grounding set, set, 35 kV	23 lbs
LBE256G	200 amp load break elbow grounding set, single, 25/35 kV	10 lbs
LBE2533G	200 amp load break elbow grounding set, set, 25/35 kV	23 lbs
DBB156G	200 amp dead break grounded bushing set, single, 15 kV	8 lbs
DBB1533G	200 amp dead break grounded bushing set, set, 15 kV	20 lbs
LBB156G	200 amp load break grounded bushing set, single, 15 kV	9 lbs
LBB1533G	200 amp load break grounded bushing set, set, 15 kV	22 lbs
LBB2533G	200 amp load break grounded bushing set, single, 25 kV	10 lbs
LBB2533G	200 amp load break grounded bushing set, set, 25 kV	3 lbs
DBB15C	200 amp dead break grounded bushings w/ connections, 15 kV	1 lbs
LBB15C	200 amp load break grounded bushings w/ connections, 15 kV	2 lbs
LBB25C	200 amp load break grounded bushings w/ connections, 25 kV	4 lbs
6716	Grounding set – single – 6' 1/0 ground cable, flat jaw clamp	6.3 lbs
6717	Three phase urd grounding set – 3 cables – 6' 1/0 cable, terminal block, flat jaw clamp, 15 kV	18 lbs
6718	Three phase live front grounding set – 3 cables – 6' 2/0 cable, terminal block, ground clamps, 15 kV	18 lbs
6776	Grounding set – single – 6' 1/0 cable, flat jaw clamp, 25/35 kV	7.6 lbs
6777	Three phase urd grounding set – 3 cables – 6' 1/0 cable, terminal block, flat jaw clamp, 25/35 kV	32.2 lbs
6771	15 kV grounded parking stand with threaded ferrule	5.5 lbs
6772	15 kV grounded parking stand with plug terminal ferrule	5.5 lbs



2962



6776



22630

*Reference ASTM tables on page 74

Underground Grounds, cont.

Underground Grounding Clamps				
Catalog #	Description	ASTM Grade*	Main Line Range	Weight
7575FE	.5" w/o strain relief system, threaded, stainless steel eye, smooth jaw, bronze	2	.0235" - .05" (6 mm - 12.7 mm) Dia.	2 lbs
7575FEST	.5" w/o strain relief system, threaded, stainless steel eye-T, smooth jaw, bronze	2		2 lbs
7575FGA	.5" w/o strain relief system, threaded, grip-all, stainless steel, smooth jaw, bronze	2		2 lbs
7575FPSE	.5" w/o strain relief system, threaded, stainless steel eye, w/ parking stand, smooth jaw, bronze	2		2 lbs
7575FTE	.5" w/o strain relief system, threaded, teeth, stainless steel eye, serrated jaw, bronze	2		2 lbs
7575FTGA	.5" w/o strain relief system, threaded, teeth, stainless steel grip-all, serrated jaw, bronze	2		2 lbs

*Reference ASTM tables on page 74



7575FTE



LBE15YB6G



LBB1533G



7603



DBB15C



6772



2636



2137



2133

Grounding Cables

Grounding cables are made with copper strands and a tough jacket material. Fine strands provide for greater flexibility and the grounding cables are easy to strip for preparation. All cables meet or exceed ASTM F855.

Salisbury Copper Grounding Cable						
Catalog #	Size	Jacket Color	Cont. Current AMP, RMS, 50HZ	Short Circuit Withstand AMP, RMS, 60HZ		Weight per 1,000 FT
				15 Cycles	30 Cycles	
2136	#2	Yellow	200	14,500	10,000	282 lbs
2137	1/0		250	21,000	15,000	488 lbs
2138	2/0		300	27,000	20,000	537 lbs
2139	4/0		400	43,000	30,000	836 lbs
2636	#2	Black	200	14,500	10,000	263 lbs
2637	1/0		250	21,000	15,000	404 lbs
2638	2/0		300	27,000	20,000	697 lbs
2649	3/0		350	36,000	25,000	680 lbs
2639	4/0	400	43,000	30,000	770 lbs	
2128	#2	Clear	200	14,500	10,000	289 lbs
2129	1/0		250	21,000	15,000	520 lbs
2133	2/0		300	27,000	20,000	546 lbs
2288	4/0		400	43,000	30,000	841 lbs

Hastings Copper Grounding Cable						
Catalog #	Size	Jacket Color	Cont. Current AMP, RMS, 50HZ	Short Circuit Withstand AMP, RMS, 60HZ		Weight per 1,000 FT
				15 Cycles	30 Cycles	
9206	#2	Yellow	200	14,500	10,000	263 lbs
9201	1/0		250	21,000	15,000	414 lbs
13698	2/0		300	27,000	20,000	504 lbs
9228	4/0		400	43,000	30,000	775 lbs
13692	#2	Clear	200	14,500	10,000	300 lbs
21263	1/0		250	21,000	15,000	475 lbs
13701	2/0		300	27,000	20,000	565 lbs
21264	4/0		400	43,000	30,000	856 lbs

Grounding Ferrules

Plain Shrouded and Unshrouded Ferrules

Plain-type or Pin-type ferrules are designed for use with all grounding clamps that feature pressure terminals. Threaded ferrules provide low-resistant connection to cable strands with a threaded stud that securely screws into a clamp. Shrouded ferrules are compressed on both the conductor and the jacket of the cable to reduce bending stress, and unshrouded ferrules are crimped on the conductor strands only. All ferrules meet or exceed ASTM F855.



7600011CT42



7600011PT42



98132023



98132023P

Copper Unshrouded Ferrules		
Catalog #	Cable Size	Style
24420	#2	Pin
24421	1/0	Pin
24422	2/0	Pin
24423	4/0	Pin
98132022	#2	Threaded
98132023	1/0	Threaded
98132024	2/0	Threaded
98132025	4/0	Threaded
98132022P	#2	Pin
98132023P	1/0	Pin
98132024P	2/0	Pin
98132025P	4/0	Pin

Copper Shrouded Ferrules		
Catalog #	Cable Size	Style
24424	#2	Pin
24425	1/0	Pin
24426	2/0	Pin
24427	4/0	Pin
760001CT40	#2	Threaded
7600011CT41	1/0	Threaded
7600011CT42	2/0	Threaded
76CT43	4/0	Threaded
760001PT40	#2	Pin
7600011PT41	1/0	Pin
7600011PT42	2/0	Pin
76PT43	4/0	Pin

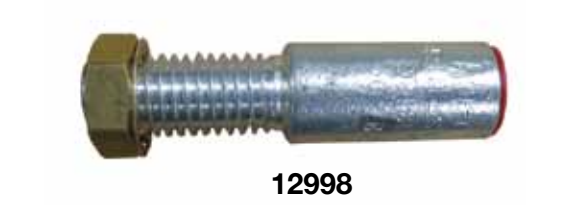
Tin-Plated Copper Unshrouded Ferrules		
Cat. #	Cable Size	Style
2022	#2	Threaded
2023	1/0	Threaded
2024	2/0	Threaded
2025	4/0	Threaded
11656	#2	Pin
11657	1/0	Pin
11658	2/0	Pin
11660	4/0	Pin
12998	#2	Threaded
12999	1/0	Threaded
13000	2/0	Threaded
13001	4/0	Threaded
P30244	#2	Pin
P30245	1/0	Pin
P30246	2/0	Pin
P30247	4/0	Pin



P30246



2022



12998

Four-Way Grounding Connectors

Four-way connectors are used to create a common connection between the conductor leads and the ground lead of a ground set.



24438



21702



CB36



6724-1

Four-Way Grounding Connectors			
Catalog #	Description	ASTM Grade*	Weight
2374	Threaded ferrule four way connector	5	1.8 lbs
21702	Threaded ferrule four way connector 1 3/4" long x 2 1/4" dia	5	.5 lbs
24438	Plain ferrule four way connector	5	2 lbs
CB36	4-way set block, copper	5	.187 lbs
6724-1	Threaded 4-way cable splice	5	.8 lbs
5755-6	Bronze alloy 4-way cable splice	3	3 lbs

*Reference ASTM tables on page 74

Truck Grounding Reels

Truck grounding reels are designed to provide a secure and efficient way to ground trucks and equipment when working on or near energized lines. Bolt-down design allows for easy removal of reels for installation on vehicles.



21362

Truck Grounding Reels			
Catalog #	Description	ASTM Grade*	Weight
21362	Retractable grounding reel only	3	32 lbs
21363	21362 reel w/ 40' of #2 yellow ground cable & bronze clamp on one end	3	47 lbs
21364	21362 reel w/ 40' of 1/0 yellow ground cable & bronze clamp on one end	3	53 lbs
21365	21362 reel w/ 40' of 2/0 yellow ground cable & bronze clamp on one end	3	57 lbs
21366	Large retractable grounding reel only	5	83 lbs
21373	21362 reel w/ 50' of #2 yellow ground cable & bronze clamp on one end	3	50 lbs
21374	21362 reel w/ 50' of 1/0 yellow ground cable & bronze clamp on one end	3	57 lbs
21375	21362 reel w/ 50' of 2/0 yellow ground cable & bronze clamp on one end	3	62 lbs
HSCR0240	Spring rewind reel, 40' of #2 cable & aluminum "C" clamp	1	39 lbs
HSCR0250	Spring rewind reel, 50' of #2 cable & aluminum "C" clamp	1	42 lbs
HSCR1040	Spring rewind reel, 40' of 1/0 cable & aluminum "C" clamp	2	48 lbs
HSCR1050	Spring rewind reel, 50' of 1/0 cable & aluminum "C" clamp	2	53 lbs
HCR0240	Hand rewind reel, 40' of #2 cable & aluminum "C" clamp	1	36 lbs
HCR0250	Hand rewind reel, 50' of #2 cable & aluminum "C" clamp	1	39 lbs
HCR1040	Hand rewind reel, 40' of 1/0 cable & aluminum "C" clamp	2	46 lbs
HCR1050	Hand rewind reel, 50' of 1/0 cable & aluminum "C" clamp	2	51 lbs
HSCR1	Spring rewind reel only	2	27 lbs
HCR1	Hand rewind reel only	2	25 lbs

*Reference ASTM tables on page 74

Grounding Accessories

Strain relief sleeves reinforce cables at termination points when used with the cable support system. A “T” Handle adapter allows the user to quickly and easily change an eye screw into a “T” handle screw. Plain adapters are used on any pin-type ground clamps.

Strain Relief Sleeves

Catalog #	Description	Weight
0786	Tapered outer SALCOR® sleeve only	.1 lbs
1758	Inner SALCOR® sleeve only	.1 lbs
1788	Complete SALCOR® strain relief assembly	.1 lbs
2633	Clear sleeve for 4/0 grounding cable	.1 lbs
2983	Clear sleeve for #2 to 2/0 grounding cable	.1 lbs
20886	Clear heat shrink, 5" for all grounding cables	.1 lbs



2633

Adapters

Catalog #	Description	Weight
7300ABC	Pin to threaded adapter	.5 lbs
7310G	Eye bolt assembly	.5 lbs
7300AET	Pin to threaded adapter	.5 lbs
760001HDL	“T” handle adapter	.5 lbs



760001HDL

Contact bars are designed to act as a convenient common point for electrical connections, and also as a hanger for grounding sets during installation and removal. A pole band is a required component of equipotential zone grounding systems. Truck grounding kits bring the body and chassis to the same ground potential, and a temporary ground rod is used when an adequate system ground is not available. Grounding studs are used for grounding when the fault duty on the 600 amp deadbreak elbow/ “T” body exceeds the rating of a 200 amp grounding elbow, as rated by IEEE 386 at 10 kA for 10 cycles.

Contact Bars, Pole Band, Grounding Kits & Ground Rod

Catalog #	Description	Weight
9998	Grade 5 contact bar, no connection, 40" chain w/adj. wheel binder	9.1 lbs
21840		7 lbs
20880	Grade 5 contact bar, one connection, 40" chain w/adj. wheel binder	9.1 lbs
760001PB	Grade 3 pole band aluminum bar	4 lbs
760045PB	Grade 5 pole band aluminum bar	5 lbs
7542TGK	Truck grounding kit w/ stud	2 lbs
7542TGKLS	Trucking grounding kit w/o stud	1.5 lbs
2103	75" screw ground rod	8 lbs



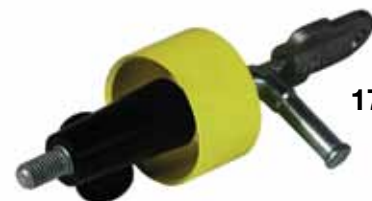
2103



760001PB

Underground Grounding Studs

Catalog #	Description	Weight
1725001	Grade 1, copper electrode, female, hex drive, 5/8-11 thread, w/guide	2.2 lbs
17250003	Grade 3, steel electrode, male, grip-all, 5/8-11 thread w/guide	2 lbs
17250004	Grade 3, steel electrode, female, grip-all, 5/8-11 thread w/guide	2 lbs
17250005	Grade 3, steel electrode, male, grip-all, 3/4-10 thread	1.8 lbs
1735	Grade 4, copper electrode, female, hex drive, 5/8-11 thread w/guide	3.5 lbs
5900CS	Captured socket for 1725001 and 1735	



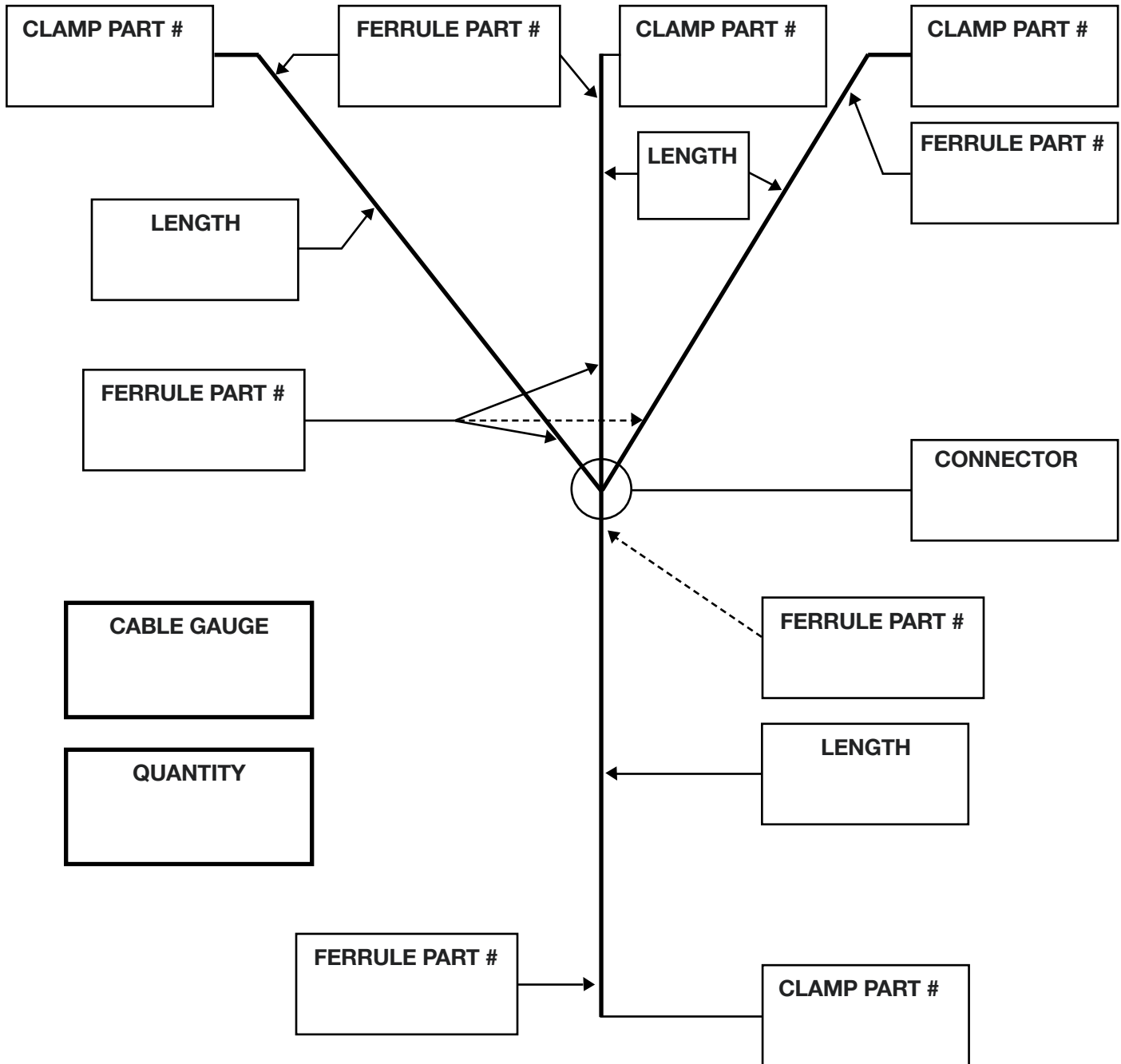
17250003

Customer _____ Phone _____

Contact _____

Email _____

Custom Cluster Ground Configuration

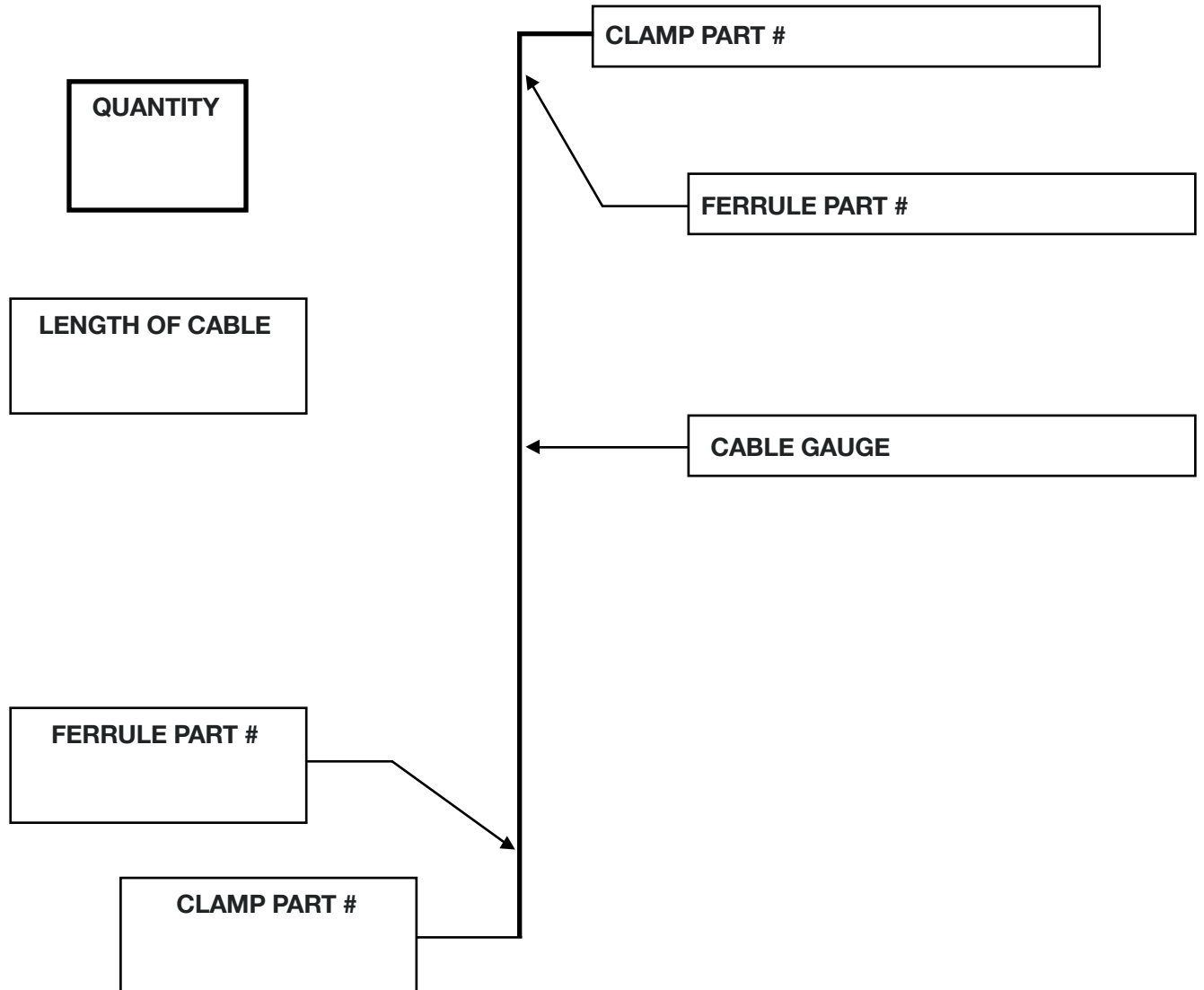


Customer _____ Phone _____

Contact _____

Email _____

Custom Single Ground Configuration



Load Break & Load Pick-Up Tools

Utility Solutions Load Break Tools

Utility Solutions Load Break Tools		
Catalog #	Description	Weight
USLR-XLT-1**	Load Ranger® XLT load break tool, 27kV rated, 900 AMP with counter	4.3 lbs
USLR-XLT-2**	Load Ranger® XLT load break tool, 27kV to 38 kV rated, 900 AMP with counter	4.12 lbs
USBS-15-1-PS*	Break-Safe® load break & pick-up tool, 15kV – 300 AMPS with floating head	7.1 lbs
USBS-15-2-PS*	Break-Safe® load break & pick-up tool, 15kV – 300 AMPS with duckbill head	7.1 lbs
USBS-27-1-PS*	Break-Safe® load break & pick-up tool, 27kV – 300 AMPS with floating head	7.14 lbs
USBS-27-2-PS*	Break-Safe® load break & pick-up tool, 27kV – 300 AMPS with duckbill head	7.14 lbs
USBS-46-1-PS*	Break-Safe® load break & pick-up tool, 46kV – 200 AMPS with floating head	10.1 lbs
USBS-46-2-PS*	Break-Safe® load break & pick-up tool, 46kV – 200 AMPS with duckbill head	10.1 lbs
USBS-600-1*	Break-Safe® load break & pick-up tool, 600 AMPS w/extra-large clamp & dual conductor bars	10.13 lbs

* Add **S** for soft carrying case ** Add **S** for soft carrying case, **H** for hard case, **E** for extended hood, **NC** for no counter



USBS



USLR-XLT (on stick)

Initech Load Break Tools

Initech Load Break Tools		
Catalog #	Description	Weight
ILBT-27-001	Load break tool, 27kV rated, 900 AMP max, with counter and case	4.3 lbs
ILBT-38-001	Load break tool, 38kV rated, 900 AMP max, with counter and case	5.0 lbs

Note: 1,500 operating uses before service at 300 AMPS



Strap Hoists

Little Mule Linemen's Strap Hoists

Little Mule linemen's strap hoists are lightweight and rugged. With a fiberglass handle and polyester web straps, these hoists are durable and easily portable. All hooks swivel 360° and are equipped with latches. They have a positive load holding in all environments, overload protection, enhanced reversing mechanism and compact aluminum alloy frame, with all-stainless steel springs and shafts to help prevent corrosion and operate easily.

Little Mule Lineman's Strap Hoists						
Catalog #	Single Line		Double Line		Strap Length	Weight
	Capacity	Lift	Capacity	Lift		
300A	1500 lbs	9-1/4'	3000 lbs	4-1/4'	18'	12.5 lbs
300DA*	1500 lbs	9-1/4'	3000 lbs	4-1/4'	18'	13 lbs
322B	1500 lbs	14'	3000 lbs	7'	15'	12.5 lbs
322DB*	1500 lbs	14'	3000 lbs	7'	15'	13 lbs
322CB**	1500 lbs	14'	3000 lbs	7'	15'	12.5 lbs
322DHB***	1500 lbs	14'	3000 lbs	7'	15'	13 lbs
344B	2000 lbs	11'	4000 lbs	5-1/2'	12'	12.5 lbs
344DB*	2000 lbs	11'	4000 lbs	5-1/2'	12'	13 lbs
344CB**	2000 lbs	11'	4000 lbs	5-1/2'	12'	12.5 lbs
344DHB***	2000 lbs	11'	4000 lbs	5-1/2'	12'	13 lbs

*Hook has hot stick ring **Swivel gate hook ***Hot stick hook & gate latch



322B

Hook Linemen's Strap Hoists

Hook linemen's strap hoists are manufactured from high strength die cast aluminum frame and components. These hoists have a polyester web strap that is marked at every foot, a handle adapter designed to bend in case of overload, and a double-flanged drum to help reduce wear and tear on the straps. All hoists are equipped with a quick release knob to allow for easy storage of the tool.

Hook Lineman's Strap Hoists					
Catalog #	Single Line		Double Line		Weight
	Capacity	Lift	Capacity	Lift	
E153-10	1500 lbs	10'	3000 lbs	5'	11 lbs
EH153-10*	1500 lbs	10'	3000 lbs	5'	11.9 lbs
EHHS153-10**	1500 lbs	10'	3000 lbs	5'	12.2 lbs
E24-12	2000 lbs	12'	4000 lbs	6'	11.8 lbs
EH24-12*	2000 lbs	12'	4000 lbs	6'	12.6 lbs
EHHS24-12**	2000 lbs	12'	4000 lbs	6'	13 lbs

*Hot stick ring on all hooks **Hot stick hook & gate latch



EHHS153-10

ASTM F855-09 TABLE 1 Protective Grounding Clamp Ratings Protective Ground Cable, Ferrule, Clamp & Assembly Ratings for Symmetrical Current

Grade	Grounding Clamp Torque Strength, min				Short Circuit Properties ^A								Continuous Current Rating, A RMS, 60 Hz
	Yield ^B		Ultimate		Withstand Rating, Symmetrical kA RMS, 60Hz			Ultimate Rating Capacity ^{CD} , Symmetrical kA RMS, 60 Hz					
	Lbf.in.	n-m	Lbf.in.	n-m	15 Cycles (250 ms)	30 Cycles (500 ms)	Copper Cable Size	15 Cycles (250 ms)	30 Cycles (500 ms)	60 Cycles (1s)	Maximum Copper Test Cable Size		
1	280	32	330	37	14	10	#2	18	13	9	2/0	200	
2	280	32	330	37	21	15	1/0	29	21	14	4/0	250	
3	280	32	330	37	27	20	2/0	37	26	18	4/0	300	
4	330	37	400	45	34	25	3/0	47	33	23	250 kcmil	350	
5	330	37	400	45	43	30	4/0	59	42	29	250 kcmil	400	
6	330	37	400	45	54	39	250 kcmil or 2 2/0	70	49	35	350 kcmil	450	
7	330	37	400	45	74	54	350 kcmil or 2 4/0	98	69	48	550 kcmil	550	

^A Withstand and ultimate short circuit properties are based on performance with surges not exceeding 20% asymmetry factor (see 9.1 and 12.3.4.2).

^B Yield shall mean no permanent deformation such that the clamp cannot be reused throughout its entire range of application.

^C Ultimate rating represents a symmetrical current which the assembly or individual components shall carry for the specified time.

^D Ultimate values are based upon application of Onderdonk's equation to 98% of nominal circular mil area allowed by Specifications B172 and B173.

ASTM F855-09 TABLE 2 Grounding Cable, Ferrule and Assembly Ratings Ultimate Assembly Rating for High X/R Ratio Applications

High Asymmetrical Test Requirements

15 Cycles (250 ms)	30 Cycles (500 ms)	Copper Cable Size	15 Cycles (250 ms)	30 Cycles (500 ms)	60 Cycles (1s)
1H	No. 2	15	41	23	15
2H	1/0	25	65	37	15
3H	2/0	31	84	46	15
4H	3/0	39	105	58	15
5H	4/0	47	126	70	15
6H	250 MCM	55	148	82	15
7H	350 MCM	68	183	101	15

NOTE 1 – The above current values are based on electromechanical test values.

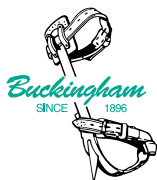
NOTE 2 – Assemblies that have been subjected to these shall not be re-used.

NOTE 3 – For use with currents exceeding 20 % asymmetry factor.

NOTE 4 – See X4.7.2 for additional information.

NOTE 5 – Alternate testing circuits are available for laboratories that cannot achieve the above requirements. See Appendix X4 for details.

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Wire Working Devices

In this section:

- Crimping Tools
- Cutters
- Wire/Cable Pullers
- Wire Stripping Devices
- Cable Prep Kits
- Wire Pulling Grips

Cembre B54N-YD6 Crimper

The B54N-YD6 18V cordless in-line crimping tool can be operated with one hand because it is balanced for greater control. Jaws rotate by 180° for ease of operation in confined spaces. The tool is fitted with a maximum pressure valve, is extremely quiet, has minimal vibration and has a durable molded body offering high resistance to wear and damage in all operating conditions. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
B54N	6 tons	18.5"	7 lbs	18V Li-ion	300 MCM	380 per charge



B54N-YD6



B54N-YK



Vinyl Bag 029



Canvas Bag 013



Jaw Rotation



Pin for Quick Change

Cembre B54N-YD6 Crimper, cont.

B54N-YD6 18V Cordless Hydraulic Crimping Tool	
Catalog #	Description
B54N-YD6	18V crimper, 2 batteries, ac charger and vinyl bag w/CDD6 jaws
B54N-YD6P	18V crimper, 2 batteries, ac charger and plastic carrying case w/CDD6 jaws
B54N-YD6-IC	18V crimper, 2 batteries, ac charger, 12V car battery charger and vinyl bag w/CDD6 jaws
B54N-YD6P-IC	18V crimper, 2 batteries, ac charger, 12V car battery charger and plastic carrying case w/CDD6 jaws
B54N-YD6-8	18V crimper, 2 batteries, ac charger and vinyl bag w/CDD6-8 jaws
B54N-YD6-8P	18V crimper, 2 batteries, ac charger and plastic carrying case w/CDD6-8 jaws
B54N-YD6-8-IC	18V crimper, 2 batteries, ac charger, 12V car battery charger and vinyl bag w/CDD6-8 jaws
B54N-YD6-8P-IC	18V crimper, 2 batteries, ac charger, 12V car battery charger and plastic carrying case w/CDD6-8 jaws
B54N-YK	18V crimper, 2 batteries, ac charger and vinyl bag w/CDK jaws
B54N-YK-IC	18V crimper, 2 batteries, ac charger, 12V car battery charger and vinyl bag w/CDK jaws



CDD6



CMB1

Interchangeable Jaws	
Catalog #	Description
CDD6	"D3" to accept all "W" style crimping dies + "BG" fixed groove
CDD6-8	"D3" to accept all "W" style crimping dies "W" + "O" fixed groove
CDK	Groove to accept all "O" style Kearney crimping dies: adapter to accept all "W" style crimping dies available upon request
CMB1	Cutting jaws for: one-time disposable lock hasps; 4 AWG alumoweld, ACSR 4/0
CMB2	Cutting jaws for #8 copperweld, 4/0 copper, 336 MCM aluminum, 477 MCM ACSR
CMB3	Cutting jaws for guy wire up to 3/8"



CMB2



CMB3



Greenlee In-Line Crimper & Cutter

The easy-to-use Greenlee Gator has no separate triggers for different operations, and one manual release. It automatically retracts after a complete crimp, cut, punch or bend. The EK425L has a red LED light that has multiple meanings, and a yellow LED light that alerts when the tool needs service. Greenlee battery operated tools have a 3-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
EK425L	6 Tons	18-1/2"	6.8 lbs	18V Li-ion	4/0 AMG	325 per charge

EK 425L Crimper and Cutting Tools & Accessories	
Catalog #	Description
EK425LD011	Crimping tool w/CJD30 jaws, two 18V Li-ion battery w/120V battery charger
EK425LD012	Crimping tool w/CJD30 jaws, two 18V Li-ion battery w/12V battery charger
EK425LDBG11	Crimping tool w/CJD3BG jaws, two 18V Li-ion battery w/120V battery charger
EK425LDBG12	Crimping tool w/CJD3BG jaws, two 18V Li-ion battery w/12V battery charger
EK425LK11	Crimping tool w/CJK jaws, two 18V Li-ion battery w/120V battery charger
EK425LK12	Crimping tool w/CJK jaws, two 18V Li-ion battery w/12V battery charger
EK425LD11	Crimping tool w/CJD3 jaws, two 18V Li-ion battery w/120V battery charger
EK425LD12	Crimping tool w/CJD3 jaws, two 18V Li-ion battery w/12V battery charger
EK425LB	EK425L crimping tool w/2 batteries only
CJXPJ	Crimping jaw w/Nicopress X, P & J die grooves
CJB	Cutting jaw for one time disposable lock hasps
CJ22	Cutting jaw for use w/KC22 & KA22 crimping dies
KD6-27	"W" style cutter dies for ACSR to 4/0 AWG
F020735	Kearney "D" crimping die (adapts jaws to use "W" & "X" dies
CJD30	Replacement crimping jaw Unit-D ³ and "O" die grooves
CJD3BG	Replacement crimping jaw Unit-D ³ and BG die grooves
CJK	Replacement crimping jaw unit for Kearney "O" dies
CJD3	Replacement crimping jaw with single D ³ die groove
52176	Replacement 18V 3.0 Ah Li-ion battery
CP1	Tool Pouch



EK425L



CJB



CJD3



CJD30

Huskie Robo Crimp In-Line Tools

The Huskie 6-ton streamline crimping tools have forged jaws, pull-pin design to quickly change between jaws, brush protection and LED lights on both sides of the tool. Both the SL and ECO tools have a rotational head, an audible bypass when pre-determined pressure is achieved and is tested up to 75kV. This unit has a 5-year warranty on the tool, battery and charger. The ECO battery operated tool has a 1-year warranty on the tool, battery and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
SL-ND	6 Ton	22"	8 lbs	14.4V Li-ion	500 MCM	100 per charge on 4/0-4/0 H-Tap
ECO-EZ	6 Ton	20.5"	6 lbs	14.4V Li-ion	500 MCM	100 per charge on 4/0-4/0 H-Tap

In-Line Robo Crimpers™	
Cat. #	Description
SL-ND	14.4V crimper w/ND jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
SL-NDO	14.4V crimper w/O jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
SL-NDBG	14.4V crimper w/BG jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
SL-NDCUT	14.4V crimper w/cutting jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
SL-NDCB	14.4V crimper w/bending jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
ECO-EZBG	14.4V crimper w/BG jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
ECO-EZND	14.4V crimper w/ND jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
ECO-EZK	14.4V crimper w/K jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
ECO-EZO	14.4V crimper w/O jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
ECO-XPJ	14.4V crimper w/XPJ jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap
ECO-RBC	14.4V crimper w/cutting jaw, carrying case, charger, 2 Li-ion batteries, and carrying strap



ECO-EZBG



SL-ND



SLBG-JAW



SLCUT-JAW



SLCB-JAW

Cembre B 135LN-CA Crimper

The B135LN-CA is a 14.4 V cordless hydraulic crimping tool featuring double-speed action: a fast advancing speed for rapid approach of the dies to the connector, and a slower more powerful speed for crimping. This tool is lightweight and balanced for single-hand operation. The crimping head can rotate 180° for ease of operation. The B135LN-CA is fitted with a maximum hydraulic pressure valve, has a display that indicates the residual battery power after every crimp, is extremely quiet, and has very little vibration. The B 135LN-CA will accept all semi-circular slotted dies, common to most 12-ton tools. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
B135LN-CA	14.6 tons	1.65"	16.7 lbs	14.4V Li-ion	800 MCM	50 per charge

B 135LN-CA 14.4 V Cordless Hydraulic Crimping Tool	
Catalog #	Description
B135LN-CA	14.4V crimping tool, 2 batteries, ac charger, plastic carrying case and 8 sets of semi-circular slotted dies
B135LN-C-IC	14.4V crimping tool, 2 batteries, ac charger, 12V car charger, plastic carrying case & 8 sets of semi-circular slotted dies
B135LN-CA-KV	14.4V crimping tool, 2 batteries, ac charger, plastic carrying case and 8 sets of semi-circular slotted dies w/plastic coating



B135LN-CA



B135LN-CA-KV



Battery Condition Display



Operation Protection Switch

Cembre B55-YB Crimper

The B55-YB is a 14.4 V cordless hydraulic crimping tool featuring double-speed action; a fast advancing speed for rapid approach of the dies to the connector, and a slower more powerful speed for crimping. This tool is lightweight and balanced for single-hand operation. The crimping head can rotate 180° for ease of operation. The B55-YB is fitted with a maximum hydraulic pressure valve, has a display that indicates the residual battery power after every crimp, and is extremely quiet with very little vibration. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features

Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
B55-YB	6.4 tons	14"	11 lbs	14.4 V Li-ion	500 MCM	120 per charge



B55-YB



VAL P9 Carrying Case



**AU55-K & AU55-B
for "W" Dies**

B55-YB 14.4V Crimping Tool

Catalog #	Description
B55-YB	14.4V crimping tool, 2 batteries, ac charger, plastic carrying case and canvas bag
B55-YB-IC	14.4V crimping tool, 2 batteries, ac charger, 12V car charger, plastic carrying case and canvas bag
B55-YB-KV	14.4V crimping tool, 2 batteries, ac charger, plastic carrying case and canvas bag w/plastic coated head

Greenlee Gator 12 Ton Battery-Operated Crimpers

The EK 12 Ton Gators have Intelli-CRIMP™ technology which includes a pressure sensor that monitors the crimping force and provides the operator a visual and audible alert, if the force is below specs. Automatic Retraction Stop (ARS) retracts the ram just enough to ready the crimper for the next cycle, saving time and energy. Has a one trigger control, automatically retracts when the crimping cycle is complete, and smart chargers maximize battery life. Greenlee battery operated tools have a 3-year warranty on the tool and a 1-year warranty on the battery and charger.



EK1230L



EK1240CL



EK1240L

General Features

Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
EK1230L	12 Ton	15 ½"	14.5 lbs	18V Li-ion	750 kcmil	90 per charge
EK1240L	12 Ton	16 ¼"	15 lbs	18V Li-ion	750 kcmil	90 per charge
EK1240KL	12 Ton	16 ¼"	15 lbs	18V Li-ion	1033 kcmil	90 per charge

EK 12 Ton Crimping Tools & Accessories

Catalog #	Description
EK1230L11	12 ton crimping tool, two 18V Li-ion batteries, 1.2" opening, 120V charger
EK1230L12	12 ton crimping tool, two 18V Li-ion batteries, 1.2" opening, 12V charger
EK1230L120	12 ton crimping tool, two 18V Li-ion batteries, 1.2" opening, 120V charger w/120V ac adapter
EK1230LB	EK1230 bare crimper, 1.2" opening
EK1240L11	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 120V charger
EK1240L12	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 12V charger
EK1240L120	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 120V charger w/120 V adapter
EK1240LB	EK1240 bare crimper, 1.65" opening
EK1240CLB	EK1240 bare crimper, 1.65" opening, PVC covering
EK1240KLB	EK1240 bare crimper, 1.65" opening, Kearney
EK1240CL11	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 120V charger, PVC covering
EK1240CL12	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 12V charger, PVC covering
EK1240CL120	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 120V charger w/120V ac adapter, PVC covering
EK1240KL12	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 12V charger, Kearney head
EK1240KL120	12 ton crimping tool, two 18V Li-ion batteries, 1.65" opening, 120V charger w/120V adapter, Kearney head

Greenlee Gator 6 Ton Dieless Crimper

The EK 6 Ton Gators have Intelli-CRIMP™ technology which includes a pressure sensor that monitors the crimping force and provides the operator a visual and audible alert if the force is below specs. Two-stage hydraulic system provides fast advance and power speeds for saving time. The crimping head rotates 350° and has a flip top with a pull pin to open for easy removal from the connector. Has a one-trigger control, automatically retracts when the crimping cycle is complete, and smart chargers maximize battery life. Greenlee battery operated tools have a 3-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
EK06AT	6 Ton	14"	12 lbs	18V Li-ion	500 kcmil	90 per charge
EK06FT	6 Ton	14 7/8"	11 lbs	18V Li-ion	750 kcmil	90 per charge

EK 6 Ton Crimping Tools & Accessories	
Catalog #	Description
EK06ATL11	Quad-point, 6 ton, open head dieless crimper, two 18V Li-ion batteries, 120V charger
EK06ATL12	Quad-point, 6 ton, open head dieless crimper, two 18V Li-ion batteries, 12V charger
EK06ATL120	Quad-point, 6 ton, open head dieless crimper, two 18V Li-ion batteries, 120V charger, w/120V AC adapter
EK06ATLB	Quad-point, 6 ton, open head dieless bare crimper
EK06ATCL11	Quad-point, 6 ton, open head dieless crimper, two 18V Li-ion batteries, 120V charger, open rubber-covered head
EK06ATCL12	Quad-point, 6 ton, open head dieless crimper, two 18V Li-ion batteries, 12V charger, open rubber-covered head
EK06ATCL120	Quad-point, 6 ton, open head dieless crimper, two 18V Li-ion batteries, 120V charger, w/120V AC adapter, open rubber-covered head
EK06FTL11	Quad-point, 6 ton, flip-top head dieless crimper, two 18V Li-ion batteries, 120V charger
EK06FTL12	Quad-point, 6 ton, flip-top head dieless crimper, two 18V Li-ion batteries, 12V charger
EK06FTL120	Quad-point, 6 ton, flip-top head dieless crimper, two 18V Li-ion batteries, 120V charger, w/120V AC adapter
EK06FTLB	Quad-point, 6 ton, flip-top head dieless bare crimper



EK06ATL



EK06FTL



Huskie Robo Crimp

REC-5430 Robo Crimper™

The Huskie 12 Ton REC-5430 Robo Crimper™ was specifically designed for use in single-handed operation and in overhead applications such as cable trays. This allows one hand to control the work, while the other hand is free to operate the tool. It also eliminates cumbersome hoses that larger, heavier tools traditionally use in overhead work. The REC-5430 features a rapid advance ram to reduce cycle time. The Huskie REC battery operated tools have a 5-year warranty on the tool, batteries and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
REC-5430	12 Ton	15.5"	14.75 lbs	14.4V Li-ion	750 MCM	45 per charge on 750 MCM
REC-5430 In-Line Robo Crimpers™						
Catalog #	Description					
REC-5430	12 Ton crimper, 1-3/16" jaw opening, carrying case, charger, 2 Li-ion batteries and carrying strap					



REC-5430

REC-3410 Robo Crimper™

The Huskie 12-Ton REC-3410 Robo Crimper™ provides more speed and easier handling. It features a rubber boot and is designed to accommodate all 12 ton “U” type dies, which are widely used throughout the electrical industry. The base of the tool is contoured for stability and incorporates finger grooves for a better grip. The Huskie REC battery operated tools have a 5-year warranty on the tool, batteries and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
REC-3410	12 Ton	18"	19 lbs	14.4V Li-ion	750 MCM	45 per charge on 750 MCM
REC-3410 In-Line Robo Crimpers™						
Catalog #	Description					
REC-3410	12 Ton crimper, 1" jaw opening, carrying case, charger, 2 Li-ion batteries and carrying strap					



REC-3410

B150-A Crimper

The B150-A is a 14.4V cordless hydraulic crimping tool featuring double-speed action; a fast advancing speed for rapid approach of the dies to the connector, and a slower (more powerful) speed for crimping. The operating buttons, crimp/release, are mechanically interlocked to prevent accidental operation of the tool. The crimping head can rotate 180° for ease of operation. This tool has a microprocessor that controls the tool's operation, and will automatically shut off the motor upon completion of the crimping operation. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Lugs	No. of Crimps
B150-A	15 tons	21"	22.9 lbs	14.4V Li-ion	1500 MCM	40 per charge

B150-A 14.4V Cordless Hydraulic Crimping Tool	
Catalog #	Description
B150-A	14.4V crimping tool, shoulder strap, 2 batteries, ac charger, metal carrying case
B150-IC	14.4V crimping tool, shoulder strap, 2 batteries, ac charger, 12V car charger, metal carrying case



B150-A



Battery Condition Display



Adapter AU150-C for "U" Dies



B150-A Flip-Top Head

HT51L & HT131-C Crimper

The HT51L is a two-stage hydraulic tool ideal for crimping in confined spaces. Spring-loaded handles allow the operator to advance the dies with one hand, leaving the other hand free to position the connector. The head rotates 180° and is elongated with upper and lower adapters to insert W-style dies from other manufacturers.

General Features				
Model	Crimping Force	Length	Weight	Max Lugs
HT51L	6 Tons	16"	6.2 lbs	500 MCM

HT 51L Hydraulic Crimping Tool	
Cat. #	Description
HT51L	6-ton hydraulic crimper and plastic carrying case



HT51L

HT 131-C

The HT131-C and HT120 features a double-speed action for rapid approach of the dies to the connector, and a slower, more powerful speed for crimping. The self-contained, robust and sturdy tool will accept all semi-circular slotted dies, common to most 12 ton tools.

General Features				
Model	Crimping Force	Length	Weight	Max Lugs
HT131-C	14.6 Tons	18.6"	12.1 lbs	800 MCM
HT20	13.5 Tons	19.2"	12.6 lbs	800 MCM

HT131-C Hydraulic Crimping Tool	
Catalog #	Description
HT131-C	14.6 ton hydraulic crimper and plastic carrying case
HT120	13.5 ton hydraulic crimper and plastic carrying case



HT131-C



HT120

Cembre manual hydraulic tools have a 5-year warranty on the tool.

Manual Hydraulic Crimping Tools

12 Ton Manual Hydraulic Crimping Tool

The HK1230 and HK1240 heads accept KC12, KA12 and KD12 crimping dies, as well as industry “U” style dies. The tools are tested to 50,000 crimp cycles and the head rotates 350°. The ram automatically retracts when crimp cycle is complete. The crimping tools have a two-speed pump to reduce cycle time. Greenlee manual hydraulic tools have a 1-year warranty from date of purchase.

General Features				
Model	Crimping Force	Length	Weight	Max Lugs
HK1230	24,000 lbs	20 3/8"	12.2 lbs	750 kcmil
HK1240	24,000 lbs	21-1/2"	13.2 lbs	750 kcmil



HK1240

12-Ton Manual Hydraulic Crimping Tool	
Catalog #	Description
HK1230	12 Ton hydraulic crimping tool w/1.2" opening
HK1230C	12 Ton hydraulic crimping tool w/1.2" opening, PVC covered head
HK1240	12 Ton hydraulic crimping tool w/1.65" opening
HK1240C	12 Ton hydraulic crimping tool w/1.65" opening, PVC covered head

Quad-Point Dieless Hydraulic Crimping Tool

The HK06AT has an open head and the HK06FT has a flip top head for easy removal from the connector. Both are compact and feature a 360° rotating head. These tools have a two-speed pump action and ram automatically retracts after the crimp is complete. Greenlee manual hydraulic tools have a 1-year warranty from date of purchase.

Quad-Point Manual Hydraulic Crimping Tool	
Catalog #	Description
HK06AT	Quad-point dieless crimping tool, open head, carrying case, test gauge, and test slugs
HK06FT	Quad-point dieless crimping tool, flip top head, carrying case, test gauge, and test slugs



HK06AT



HK06FT

Manual Hydraulic Crimping Tools

General Features				
Model	Crimping Force	Length	Weight	Max Lugs
CN-258	6 Ton	21"	8.5 lbs	500 MCM
EP-630A	6.2 Ton	22"	11.5 lbs	500 MCM
EP-750A	6.2 Ton	23"	11.5 lbs	750 MCM
EP-410	12 Ton	23"	13 lbs	750 MCM
EP-430	12 Ton	24"	13.5 lbs	750 MCM
EP-510C	12 Ton	25"	16.5 lbs	750 MCM
EP-510K	12 Ton	26"	17 lbs	1033 MCM

Some added features to these tools are an external pressure adjustment and a two-stage rapid advance pumping system. Though not all of these tools have the same features, all of the Huskie tools are backed with a 5-year warranty.

Huskie Manual Hydraulic Crimping Tools	
Catalog #	Description
CN-258	Crimping tool w/rubber boot, .95" jaw opening and carrying case
EP-630A	Dieless crimping tool, open .9" jaw opening and carrying case
EP-750A	Dieless crimping tool, flip top 1.5" jaw opening and carrying case
EP-410	Crimping tool w/rubber boot, 1" jaw opening and carrying case
EP-430	Crimping tool w/rubber boot, 1 3/16" jaw opening and carrying case
EP-510C	Crimping tool w/rubber boot, 1.65" jaw opening and carrying case
EP-510K	Crimping tool w/rubber boot, 1.5" jaw opening and carrying case



CN-258



EP-750A



EP-430



EP-630A



EP-510K

"U" Dies and "W" Dies

"U" Style Dies					"W" Style Dies				
Burndy	Cembre	Greenlee	Huskie	Reliable	Burndy	Cembre	Greenlee	Huskie	Reliable
161	MUT9999-C	KD12-14	HT41BX	R12-161	161	MUT9999-W	KD6-14	HT58BX	R6-161
162	MUT9998-C	KD12-15	HT41BZ	R12-162	162	MUT9998-W	KD6-15	HT58BZ	R6-162
163	MUT9997-C		HT41CB	R12-163	163	MUT9997-W	KD6-16	HT58CB	R6-163
164	MUT9996-C		HT41CD	R12-164	164	MUT9996-W	KD6-22	HT58CD	R6-164
165		KD12-17	HT41CE	R12-165	165		KD6-17	HT58CE	R6-165
166	MUT9995-C	KD12-18	HT41CF	R12-166	166	MUT9995-W	KD6-18	HT58CF	
167	MUT9958-C		HT41CG	R12-167	167	MUT9958-W		HT58CG	R6-167
168	MUT9974-C		HT41CJ	R12-168	171			HT58CM	R6-171
169	MUT9979-C		HT41CK	R12-169	236			HT58DE	R6-236
170	MUT9973-C		HT41CL	R12-170	237		KD6-24		R6-237
203			HT41CT	R12-203	238			HT58DG	R6-238
209	MUT9972-C			R12-209	239	MUT9993-W	KD6-25	HT58DH	R6-239
238		KD12-35	HT41DG	R12-238	240				R6-240
239	MUT9993-C		HT41DH	R12-239	241			HT58DK	R6-241
242	MUT9967-C		HT41DL	R12-242	242				R6-242
243	MUT9991-C	KD12-19	HT41DM	R12-243	243	MUT9991-W	KD6-19	HT58DM	R6-243
245			HT41DP	R12-245	245			HT58DP	R6-245
247		KD12-20	HT41DT	R12-247	247	MUT9954-W	KD6-20	HT58DT	R6-247
248			HT41DV	R12-248	248				R6-248
249	MUT9990-C	KD12-21	HT41DW	R12-249	249	MUT9990-W	KD6-21	HT58DW	
251			HT41DY	R12-251	251			HT58DY	R6-251
252			HT41DZ	R12-252	253	MUT9957-C			R12-253
255	MUT9962-C			R12-255	660				R6-660
261	MUT9956-C		HT41EK	R12-261	687			HT58KA	R6-687
305	MUT9977-C		HT41FG	R12-305	690				R6-690
316	MUT9976-C		HT41FM	R12-316	691				R6-691
317	MUT9965-C		HT41FN	R12-317	693				R6-693
321			HT41FU	R12-321	694				R6-694
322	MUT9971-C				702			HT58KH	R6-702
327	MUT9961-C		HT41FX	R12-327	733				R6-733
490	MUT9966-C		HT41HM	R12-490	BG	MUT9984-W	KD6-10	HT58G	R6-BG
642	MUT9970-C			R12-642	C	MUT9983-W	KD6-12	HT58J	R6-C
654	MUT9975-C	KD12-36	HT41JM	R12-654	L			HT58AF	R6-L
655	MUT9968-C	KD12-37	HT41JN	R12-655	KK			HT58K	
658	MUT9988-C	KD12-38	HT41JP	R12-658	K840	MUT9942-W	KD6-13	HT58AE	R6-K840
659	MUT9987-C	KD12-39	HT41JR	R12-659	O	MUT9980-W	KD6-11	HT58AK	R6-O
698	MUT9986-C				Q				R6-Q
699	MUT9985-C								
705			HT41KJ	R12-705					
708	MUT9959-C			R12-708					
756	MUT9964-C								
997		KD12-33	HT41NC	R12-997					
BG	MUT9984-C	KD12-10	HT41G	R12-BG					
C	MUT9983-C	KD12-12	HT41J	R12-C					
D	MUT9978-C		HT41V	R12-D					
D3	MUT9981-C	KD12-30	HT41X	R12-D3					
E	MUT9982-C		HT41Y	R12-E					
F	MUT9960-C	KD12-32	HT41Z	R12-F					
N	MUT9955-C		HT41AJ	R12-N					
O	MUT9980-C	KD12-11	HT41AK	R12-O					



"U" Style Die



"W" Style Die

Cembre Battery-Operated Cable Cutters

BTC065A Cutter

The BTC065A is a 14.4V cordless hydraulic cutting tool that is lightweight and balanced for single hand operation. This tool is specifically designed to cut copper, aluminum and telecommunications cable having a maximum overall diameter of 2-9/16 inches. It has a flip-top head for ease of cutting running cables, and rotates 335° to enable the operator to work in the most comfortable position. It is fitted with a maximum hydraulic pressure valve, is extremely quiet, and has minimal vibration. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.



BTC065A

General Features				
Model	Length	Weight	Battery	Max Capacity
BTC065A	17.5"	14.1 lbs	14.4 V Li-ion	2-9/16" dia.

B TC065A 14.4V Cordless Hydraulic Cutting Tool	
Catalog #	Description
BTC065A	14.4V cutting tool, 2 batteries, ac charger and plastic carrying case
BTC065-IC	14.4V cutting tool, 2 batteries, 12V car charger, ac charger and plastic carrying case

BTC065-SCA Cutter

The BTC065-SCA is specifically designed to cut copper, aluminum and telecommunications cable with a maximum overall diameter of 2-9/16 inches. The head can rotate 180° to enable an operator to work in the most comfortable position and the scissor like movement of the blades facilitates cutting running cables. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.



BTC065-SCA

General Features				
Model	Length	Weight	Battery	Max Capacity
BTC065-SCA	20.1"	15.9 lbs	14.4V Li-ion	2-9/16" dia.

B -TC065-SCA 14.4V Cordless Hydraulic Cutting Tool	
Model	Description
BTC065-SCA	14.4V cutting tool, 2 batteries, ac charger and metal carrying case
BTC065-SC-IC	14.4V cutting tool, 2 batteries, 12V car charger, ac charger and metal carrying case

Greenlee Gator Battery-Operated Cable Cutters

ESG105LU

The ESG105LU self-contained cable cutter has a 350° rotating guillotine head providing increased output force, cable capacities and safety. It has dual position handles for easy operation, is lightweight, has a single trigger operation, an ARS system and a compact design for the professional lineman. Greenlee battery operated tools have a 3-year warranty on the tool and a 1-year warranty on the battery and charger.



ESG105LU

General Features					
Model	Length	Weight	Battery	Max Capacity	No. of Crimps
ESG105LU	23-3/4"	22 lbs	18V Li-ion	4-1/8" dia	40 per charge

ESG105LU Cable Cutter Tool	
Catalog #	Description
ESG105LU11	Cutter, two 18V Li-ion battery w/120V charger
ESG105LU12	Cutter, two 18V Li-ion batteries w/12V charger
ESG105LU120	Cutter, two 18V Li-ion batteries, 120V charger w/ac adapter
ESG105LUB	Cutter, bare tool

ESC85L

The ESC85L is for cutting large diameter underground power and communication cables. The scissor-like blades easily fit around cables, has a side handle to enhance operator control and one trigger to control all tool functions. The cutting head rotates 350° and the handle has over molded tacky grip areas to make the tool easier to grip and is comfortable. Greenlee battery operated tools have a 3-year warranty on the tool and a 1-year warranty on the battery and charger.



ESC85L

General Features					
Model	Length	Weight	Battery	Max Capacity	No. of Crimps
ESC85L	21"	14.9 lbs	18V Li-ion	3-3/8" dia	90 per charge

ESC85L Cable Cutter Tool	
Catalog #	Description
ESC85L11	Cutter, two 18V Li-ion batteries w/120V charger
ESC85L12	Cutter, two 18V Li-ion batteries w/12V charger
ESC85L120	Cutter, two 18V Li-ion batteries, 120V charger w/ac adapter
ESC85LB	Cutter, bare tool

Cembre Battery-Operated Steel Cutters

B35-TC025A Cutter

The B35-TC025A is a 9.6V cordless hydraulic cutting tool that can be operated with one hand. In confined spaces, the head rotates 180° for ease of operation. It is fitted with maximum pressure valve, is extremely quiet and has minimal vibration. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features				
Model	Length	Weight	Battery	Max Capacity
B35-TC025A	14.8"	6.6 lbs	9.6V Li-ion	1" dia.

B35-TC025A 9.6V Cordless Hydraulic Cutting Tool	
Catalog #	Description
B35-TC025A	9.6V cutting tool, 2 batteries, ac charger and plastic carrying case
B35-TC025-IC	9.6V cutting tool, 2 batteries, 12V car charger, ac charger and plastic carrying case



B35-TC025A

BTC0405A Cutter

The BTC0405A is specifically designed to cut copper, aldreyl, aluminum, aluminum steel cables and ropes, aluminum and steel rods having a maximum diameter of 1.6 inches (1590 MCM ACSR). The blades are high-strength special steel and heat-treated to ensure a long service life. The head can rotate 180° to enable an operator to work in the most comfortable position and can easily be opened to allow cutting of running cables. Cembre battery operated tools have a 5-year warranty on the tool and a 1-year warranty on the battery and charger.

General Features				
Model	Length	Weight	Battery	Max Capacity
BTC0405A	17.2"	15.4 lbs	14.4V Li-ion	1-9/16" dia.

BTC0405A 14.4V Cordless Hydraulic Cutting Tool	
Catalog #	Description
BTC0405A	14.4V cutting tool, 2 batteries, ac charger and metal carrying case
BTC0405A-IC	14.4V cutting tool, 2 batteries, 12V car charger, ac charger and metal carrying case



BTC0405A

Huskie Robo Cutters

REC-S520 & REC-S524H Robo Cut™

The Huskie 6.6 Ton REC-S520 & 8 Ton REC-S524H Robo Cut™ was designed to cut the toughest steel used in construction today. These unique cutters can replace an entire tool kit, including several sizes of conventional bolt cutters, hacksaws, acetylene torches and cable cutters. Both models feature a rapid advance ram for reduced cycle time. The specifically designed flip-top latch and rotating head provide exceptional ease of use and maneuverability in tight working quarters, and both tools have an overload bypass that will “kick out” when the tool reaches max tons or is attempting to cut cables beyond their capacities. The Huskie REC battery operated tools have a 5-year warranty on the tool, batteries and charger.

General Features						
Model	Output	Length	Weight	Battery	Max Cable	No. of Crimps
REC-S520	6.6 Ton	12"	9.5 lbs	14.4V Li-ion	477 MCM	90 per charge on 336 ACSR
REC-S524H	8 Ton	12.5"	10 lbs	14.4V Li-ion	477 MCM	90 per charge on 336 ACSR

Robo Cut™	
Catalog #	Description
REC-S520	6.6 Ton cutter, .75" jaw opening, carrying case, charger, 2 Li-ion batteries, and carrying strap
REC-S524H	8 Ton cutter, .95" jaw opening, carrying case, charger, 2 Li-ion batteries, and carrying strap
20-07	Replacement blade for the REC-S520
24-08	Replacement blade for the REC-S524H



REC-S520



REC-S524H

Manual Cutter

HT-TC026Y

The HT-TC026Y manual cutting tool is specifically designed to cut copper, aldre, aluminum, aluminum-steel cables, and steel ropes with a maximum diameter of 1", guy wire up to 7/8" and steel ground rod up to 5/8". The head can rotate by 180° and can easily be opened to allow for the cutting of running cables. Cembre manual hydraulic tools have a 5-year warranty on the tool.



HT-TC026Y

General Features			
Model	Length	Weight	Max Cutting
HT-TC026Y	15.5"	7.7 lbs	Up to 1"

HT-TC026Y Hydraulic Cutting Tool	
Catalog #	Description
HT-TC026Y	Crimping tool and canvas bag

HT-TC055

The HT-TC055 manual cutting tool is specifically designed to cut copper, aluminum, aluminum-steel cables (ACSR), steel ropes and rods having a maximum diameter of 2-3/16". The head can rotate by 327° and can easily be opened to allow for the cutting of running cables. Cembre manual hydraulic tools have a 5-year warranty on the tool.



HT-TC055

General Features			
Model	Length	Weight	Max Cutting
HT-TC055	23.4"	18.1 lbs	Up to 2-3/16"

HT-TC055 Hydraulic Cutting Tool	
Catalog #	Description
HT-TC055	Crimping tool and plastic carrying case



Plastic Carrying Case

Soft Cable Cutters

One-Handed Ratcheting Soft Cable Cutters			
Catalog #	Length	Maximum Capacity	Replacement Head
45206	10"	600 MCM Copper, 600 MCM Aluminum, 1-3/8" comm. cable	45212 (Fixed) 45218 (Moveable)
45206I	10"	600 MCM Copper, 600 MCM Aluminum, 1-3/8" comm. cable	12526 (Fixed) 45218 (Moveable)
45207	11"	750 MCM Copper, 1000 MCM Aluminum, 2" comm. cable	45228 (Fixed) 45211 (Moveable)
45207I	11"	750 MCM Copper, 1000 MCM Aluminum, 2" comm. cable	05883 (Fixed) 45211 (Moveable)
759	10-1/2"	500 MCM Copper, 750 MCM Aluminum, 1-1/8" comm. cable	45281 (Fixed) 45282 (Moveable)
760	11-3.4"	1000 MCM Copper, 1000 MCM Aluminum, 1-3/4" comm. cable	09907 (Fixed) 09908 (Moveable)
3590FS	9"	600 MCM Copper, 750 MCM Aluminum	
5090FS	10-1/2"	750 MCM Copper, 1000 MCM Aluminum	
RI-500	10"	500 MCM Copper, 1-1/4" Aluminum	Z325A-11(Fixed) Z325A-12(Moveable)
R-750C	9"	750 MCM Copper, 1-3/4" Aluminum	1819.016(Fixed) 1819.013(Moveable)



45297I



5090FS



760



R-750C

Ratcheting Soft Cable Cutters			
Catalog #	Length	Maximum Capacity	Replacement Head
756	27-1/2"	1500 MCM Copper, 1500 MCM Aluminum	34188 cutter head
761	10-3/4"	1000 MCM Copper, 1000 MCM Aluminum	11768 cutter head
773	5-1/2"	500 MCM Copper, 795 MCM Aluminum	10809 cutter head
774	19-1/8"	750 MCM Copper, 795 MCM Aluminum	10809 cutter head
718F	17-1/2"	350 MCM Copper, 350 MCM Aluminum	
704	21"	350 MCM Copper, 500 MCM Aluminum	24565 cutter head
705	25-1/2"	500 MCM Copper, 1000 MCM Aluminum	06555 cutter head
706	31-1/2"	750 MCM Copper, 1000 MCM Aluminum	06555 cutter head
718	18"	350 MCM Copper, 350 MCM Aluminum	
8790CS		3" copper, aluminum & communication cable	8713CS cutter head
8790FSK		2" copper, aluminum & communication cable	8713FSK cutter head
8690FSK	27-1/2"	2" copper & aluminum cable	8613FSK
8690CS	29-3/4"	3" copper, aluminum & communication cable	8613CS
6990FS	14"	500 MCM Copper, 795 MCM Aluminum, 1-3/16" comm. cable	
6990FSL	19"	750 MCM Copper, 795 MCM Aluminum, 1-3/16" comm. cable	



Hard Cable Cutters

The HT-TC026Y manual cutting tool is specifically designed to cut copper, aldreiy, aluminum, aluminum-steel cables, and steel ropes with a maximum diameter of 1", guy wire up to 7/8" and steel ground rod up to 5/8". The head can rotate by 180° and can easily be opened to allow for the cutting of running cables.

Ratcheting Hard Cable Cutters			
Cat. #	Length	Maximum Capacity	Replacements
776	20"	Cuts ACSR through 636 kcmil w/ steel core dia. less than .32"	11397 blade set
757	29-1/4"	954 MCM ACSR, 1/2" soft steel rod	34187 cutter head
758	27-3/4"	1/2" EHS & standard Guy Wire, 1/2" mild steel rods & bolts	03548 cutter head
749	28"	ACSR, 2/0, 7/16", Piano Wire 1/8"	04663 bolt & nut set
0290FHJ	28"	3/8" wire rope, 7/16" ACSR, 1" copper & aluminum	
8690FH	29-1/4"	1-3/16" ACSR, ACAR, ZEBRA & telephone cable	8613FH cutter head
8690CK	28"	1/2" EHS guy strand, 1/2" common guy strand	8613CK cutter head
8690TN	36"	5/8" EHS guy strand, 5/8" aircraft cable, hard stainless steel	8613TN cutter head
6990FHL	19"	653 MCM single core ACSR, 336 MCM three core ACSR	



757



8690CK



8690FH

Bolt Cutters (see chart on next page)



0190FCX



0190MCS



10-765



C-24F



Bolt Cutters

Bolt Cutters				
Cat. #	Length	Maximum Capacity	Handles	Replacement Jaws
1490MC	14"	5/16" Soft materials, 3/16" Hard materials	Steel	1413C
0090MC	18"	3/8" Soft materials, 1/4" Hard materials	Steel	0013C
0190MC	24"	7/16" Soft materials, 5/16" Hard materials	Steel	0113C
0290MC	30"	1/2" Soft materials, 3/8" Hard materials	Steel	0213C
0390MC	36"	9/16" Soft materials, 7/16" Hard materials	Steel	0313C
0590MC	42"	11/16" Soft materials, 12" Hard materials	Steel	0513C
1490AC	14"	5/16" Soft materials, 1/4" Hard materials	Aluminum Alloy	1413AC
0090AC	18"	3/8" Soft materials, 5/16" Hard materials	Aluminum Alloy	0013AC
0190AC	24"	7/16" Soft materials, 3/8" Hard materials	Aluminum Alloy	0113AC
1490MNE	14"	5/16" Soft materials, 1/4" Hard materials	Steel	1413NE
0090MNE	18"	3/8" Soft materials, 5/16" Hard materials	Steel	0013NE
0190MNE	24"	7/16" Soft materials, 3/8" Hard materials	Steel	0113NE
0290MNE	30"	1/2" Soft materials, 7/16" Hard materials	Steel	0213NE
0390MNE	36"	9/16" Soft materials, 1/2" Hard materials	Steel	0313NE
0090FC	18-1/4"	3/8" Soft materials, 1/4" Hard materials	Fiberglass	0013C
0190FC	24-1/2"	7/16" Soft materials, 5/16" Hard materials	Fiberglass	0113C
0290FC	30-1/2"	1/2" Soft materials, 3/8" Hard materials	Fiberglass	0213C
0390FC	36-1/2"	9/16" Soft materials, 7/16" Hard materials	Fiberglass	0313C
1490MAF	14"	5/16" Soft materials, 1/4" Hard materials	Steel	1413AF
0190MA	24"	7/16" Soft materials, 3/8" Hard materials	Steel	0113A
0390MA	36"	9/16" Soft materials, 1/2" Hard materials	Steel	0313A
0190MCX	24"	5/16" Hard metal & wire mesh, 5/16" reinforcing rod & bar	Steel	0113CX
0290MCX	30"	3/8" Hard metal & wire mesh, #3 bar, 3/8" rod	Steel	0213CX
0390MCX	36"	7/16" Hard metal & wire mesh, 7/16" reinforcing rod & bar	Steel	0313CX
0590MCX	42"	1/2" Hard metal & wire mesh, #4 bar, 1/2" rod	Steel	0513CX
0190FCX	24"	5/16" Hard metal & wire mesh, 5/16" reinforcing rod & bar	Fiberglass	0113CX
0290FCX	30"	3/8" Hard metal & wire mesh, #3 bar, 3/8" rod	Fiberglass	0213CX
0390FCX	36"	7/16" Hard metal & wire mesh, 7/16" reinforcing rod & bar	Fiberglass	0313CX
0190MCS	24"	7/16" Soft materials, 5/16" Hard materials	Steel	0113MCS
10-365	18"	Clipper cut, 1/4" reinforcement & bar steel, 3/16" steel & music wire	Fiberglass	A11010
10-367	14"	Clipper cut, 1/4" reinforcement & bar steel, 3/16" steel & music wire	Fiberglass	A11010
10-465	25"	Clipper cut, 5/16" rod, 1/4" bar, 1/4" steel wire, 7/32" music wire	Fiberglass	A11011
10-467	18"	Clipper cut, 5/16" rod, 1/4" bar, 1/4" steel wire, 7/32" music wire	Fiberglass	A11011
10-665	32"	Center cut, 3/8" rod, 5/16" bar, 5/16" steel wire, 9/32" music wire	Fiberglass	A11012
10-666	20"	Center cut, 3/8" rod, 5/16" bar, 5/16" steel wire, 9/32" music wire	Fiberglass	A11012
10-667	24"	Center cut, 3/8" rod, 5/16" bar, 5/16" steel wire, 9/32" music wire	Fiberglass	A11012
10-669	22"	Center cut, 3/8" rod, 5/16" bar, 5/16" steel wire, 9/32" music wire	Fiberglass	A11012
10-765	33"	Center cut, 1/2" rod, 3/8" bar, 11/32" steel wire, 5/16" music wire	Fiberglass	A11013
10-767	30"	Center cut, 1/2" rod, 3/8" bar, 11/32" steel wire, 5/16" music wire	Fiberglass	A11013
10-965	36"	Center cut, 5/8" rod, 5/32" bar, 3/8" steel wire, 11/32" music wire	Fiberglass	A11013
10-350	14"	Clipper cut, 1/4" reinforcement & bar steel, 3/16" steel & music wire	Steel	A11010
10-450	18"	Clipper cut, 5/16" rod, 1/4" bar, 1/4" steel wire, 7/32" music wire	Steel	A11011
10-600	24"	Center cut, 3/8" rod, 5/16" bar, 5/16" steel wire, 9/32" music wire	Steel	A11012
10-750	30"	Center cut, 1/2" rod, 3/8" bar, 11/32" steel wire, 5/16" music wire	Steel	A11013
10-900	36"	Center cut, 5/8" rod, 15/32" bar, 3/8" steel wire, 11/32" music wire	Steel	A11014
10-1050	42"	Center cut, 3/4" rod, 5/8" bar, 7/16" steel wire, 3/8" music wire	Steel	A11015
C-18F	18"	3/8" high tensile steel bolts & chain	Fiberglass	C-006
C-24F	24"	3/8" high tensile steel bolts & chain	Fiberglass	C-002

TUF-LUGGER™

The basic TUF-Lugger™ wire puller has many features, including:

Rope deflector sheave: the operator may stand well clear of the pulling equipment, and in particular, the line of pull with the deflector sheave.

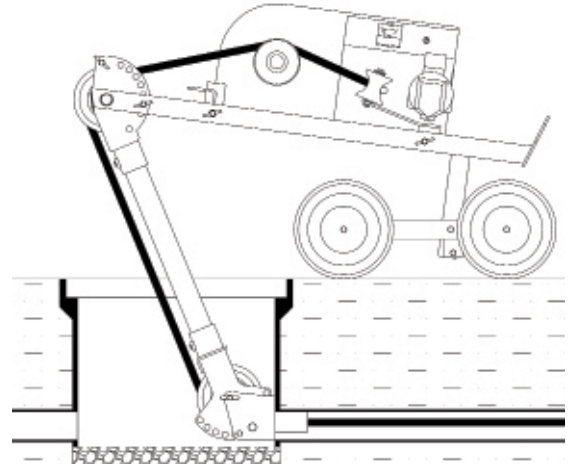
Open-sided duct guides: These allow insertion or removal from the pull at any time. The open side allows positioning of the duct guide right up against a wall or junction box.

Extendable arms: The outer beam of the TUF-Lugger™ is made up of 2" schedule 40 aluminum pipe.

High and low speed at the flick of a switch: The change from high to low speed is achieved by simply stopping the motor, flicking the convenient HI/LO switch to the desired position and resuming operation.

Fine indexing: The guides can be indexed in 7.5-degree increments in order to allow better alignment with the duct opening.

Other features include chrome plated shafts, iron-bronze bushings on all sheaves, brass serial number plate, built-in load indicator, powder coated paintwork, stainless steel securing pins at all elbows and more.



TUF-LUGGER™		
Catalog #	Description	Weight
40000-000	TUF-Lugger™ cable pulling device 110V. 10 Amp	265 lbs
40000-001	Voltage Converter 220V. to 110V. 3,000 Watts	27 lbs



UT10-2S Ultra Tugger & Mobile VersiBOOM™ II

The UT10-2S Ultra Tugger has many features including:

- 2-Speed motor that delivers the fastest pulling time for all pulling needs over the widest range.
- Strong, rugged motor designed specifically for both big and small cable pulling applications up to 10,000 lbs
- Easy control features for increased productivity:
 - On-board force gauge provides visual communication of pulling force and speed changes
 - Quick speed change from high-speed to low-speed by simply double-tapping foot pedal.
 - Removable foot pedal for convenience.
- Pulling force:
 - Continuous Operation – 0 lbs to 6,500 lbs
 - 15 minutes on / 15 minutes off – 6,500 lbs to 8,000 lbs
 - Momentary – 8,000 lbs to 10,000 lbs

The Mobile VersiBOOM™ II

- Sets-up in less than 2 minutes
- Versatility to change set-up
- Easy to store and transport

Ultra Tugger & VersiBOOM™ II	
Cat. #	Description
6900	UT10-2S Package w/floor mount
6900-22	UT10-22 (220 V) package w/floor mount
6901	UT10-2S package with chain mount
6901-22	UT10-22 (220V) package with chain mount
6909	UT10-2S package with Mobile VersiBoom™ II
6909-22	UT10-22 (220V) package with Mobile VersiBoom™ II
MVB	Mobile VersiBoom™ II
UT10-2S	Puller Assembly
UT10-22	(220V) Puller Assembly
6506	UT5 Package w/ Mobile VersiBoom™ II
6506-22	UT5-22 (220V) Package w/Mobile VersiBoom™ II
6806	UT8 Package w/ Mobile VersiBoom™ II
6806-22	UT8-22 (220V) Package w/Mobile VersiBoom™ II



Duct Rodders

DCD Duct Rodders							
Rod Dia.	Threaded Connection	Tensile Strength of Rod	Typical Strength of Glued Connection	Typical Strength of Screwed Connection	Minimum Bend Radius	Typical Max. Duct Dia.	Max. Length of Push or Pull
1/8"	#12 UNC	1,125 lbs	140 lbs		2"	1-1/4"	150'
3/16"	#12 UNC	2,200 lbs	350 lbs		4"	2"	300'
1/4"	5/16" UNC	4,070 lbs	800 lbs	1,050 lbs	7"	2-1/2"	400'
5/16"	5/16" UNC	7,700 lbs	850 lbs	1,100 lbs	10"	3"	600'
3/8"	3/8" UNC	8,580 lbs	1,150 lbs	1,150 lbs	12"	4"	800'
7/16"	3/8" UNC	11,000 lbs	1,750 lbs	1,200 lbs	16"	8"	1,200'
1/2"	3/8" UNC	13,000 lbs	1,900 lbs	1,250 lbs	18"	10"	1,000'

DCD rodders are custom built to order.

Duct Rodder



Rodders



Jameson Fiberglass Conduit Rodders						
Catalog #	Rod Diameter	Rod Core	Lengths Available	Tensile/Pull Strength	Recommended Conduit	Typical Max. Duct Dia.
Wee Buddy	1/8"	.080"	50' – 150'	200 lbs	1.5"	1/2" +
Little Buddy	3/16"	.130"	150' – 300'	200 lbs	2.5"	3/4" to 1-1/2"
Easy Buddy	1/4"	.197"	300' – 400'	400 lbs	4"	1" to 2"
Good Buddy	3/8"	.250"	300' – 400'	1,000 lbs	7"	2" to 4"
Good Buddy II	3/8"	.250"	400' – 600'	1,000 lbs	7"	2" to 4"
Good Buddy III	3/8"	.250"	300' – 400'	1,000 lbs	7"	2" to 4"
Big Buddy	1/2"	.375"	400' – 1,000'	1,400 lbs	10"	4" +



Duct Rodder Accessories

Separate accessory kits are available for all duct rodders. Some accessories that are advantage are the clamping set screws. For obvious reasons the clamping system is an advantage because it allows repairs in the field to be carried out easily without any delay to allow for glue to dry. Spare set screws and hexagon keys are supplied.



Duct Rodder Accessory Kits								
Accessory Kit Part #		57000-000 1/8"	57000-001 3/16"	57000-003 1/4"	57000-005 5/16"	57000-004 3/8"	57000-006 7/16"	57000-007 1/2"
Duct Rodder Series		51000	52000	52500	53500	54000	56000	56500
Accessory Item	Part # Series	Accessory Items Included in Above Kits						
Male Rod End	57135	1	1	-	-	-	-	-
Splice Connector	57100	2	2	1	1	1	1	1
Flexible Guide Head	57110	1	1	1	1	1	1	1
Roller Guide	57150	-	1	1	1	1	1	1
Clevis Head	57160	-	-	1	1	1	1	1
Glue	57170	1	1	1	1	1	1	1
Rod Gripper	57170	1	1	1	1	1	1	1
Accessory Pouch	57170	-	1	1	1	1	1	1

Good Buddy® Accessories		
Catalog #	Access. Name	Description
9-25-AK	Accessory Kit	End ferrule, splice ferrule, adhesive, emery cloth & canvas pouch
9-139	Swivel Eye	Attach pull line or grip to freely rotating eye
9-141	Roller Guide	Guides rods through bends, sweeps, misalignments & wires
11-142	Shackle Fitting	Use w/ Swivel Eye for larger pulling loop to attach Pulling Eye
9-143	Swivel Coupling	Connect two rods when single length is not long enough; provides rotation when pulling line, wire or rope
9-148	Rod Grapples	Connects two rodders from opposite directions
9-25-12ST	12" Stinger Tip	Guide rod through bends, sweeps, misalignments
9-25-24ST	24" Stinger Tip	
9-140	Splice Repair Kit	Splice ferrule, adhesive, emery cloth & instructions
9-146	End Ferrule Repair	End ferrule, adhesive, emery cloth & instructions



Good Buddy Accessories



9-25-AK

Pulling Lubricant

Proper lubricant helps to reduce friction when pulling cable. Without proper lubrication, cable can easily be damaged by over stressing, and the time and effort required to complete the installation can grow significantly.



Tube Lube

Tube-Lube® 326 eliminates problems such as knowing which lubricant to use, what to use to clean off the lubricant and using winter or summer grades of lubricant. The 326 is an all-purpose lubricant.

Tube-Lube® 326		
Catalog #	Description	Weight
35000-002	1 Quart Spray Bottle – 12 pack	26.76 lbs
35000-410	1 Gallon Jug – 4 pack	36.00 lbs
35000-050	5 Gallon Container	38.00 lbs
35000-055	55 Gallon Barrel	485 lbs
35000-265	265 Gallon Tote w/spout and shut-off	2500 lbs

Tube-Lube® 336 is specifically designed for cable-blowing applications for those that insist on using a more traditional type of lubricant.

Tube-Lube® 336		
Catalog #	Description	Weight
35200-002	1 Quart Container – 12 per case	28 lbs
35200-010	1 Gallon Container	8 lbs
35200-410	1 Gallon Container – 4 per case	34 lbs

Tube-Lube® 346 is specifically designed for those extra heavy-duty cable installations that are a gel type of lubricant.

Tube-Lube® 346		
Catalog #	Description	Weight
35300-050	5 Gallon Container	43.5 lbs

Cable-Pulling Lubricant

Greenlee Cable-Pulling Lubricant		
Catalog #	Description	Color
Clear Lube™	Electrical or datacom use	Clear
Cable-Cream®	Electrical use, heavy-duty	Yellow
Cable-Gel®	Electrical or datacom use	Blue/Green
Winter-Gel™	Electrical or datacom use	Blue



Pulling Rope & Tape

Pulling Rope

Double-Braided Composite Rope for Cable-Pullers					
Rope Diameter	Rope Length	Cat. #	Max. Rated Capacity	Avg. Breaking Strength	Weight
For The 805 Puller 3/8"	300'	450	1,200 lbs	3,700 lbs	14.3 lbs
	600'	451	1,200 lbs	3,700 lbs	31.0 lbs
	1,200'	452	1,200 lbs	3,700 lbs	60.0 lbs
For The UT2 Puller 1/2"	300'	455	2,200 lbs	10,000 lbs	34 lbs
	600'	456	2,200 lbs	10,000 lbs	75 lbs
For The UT4 & 640 Puller 9/16"	300'	35283	4,000 lbs	16,000 lbs	28 lbs
	600'	35284	4,000 lbs	16,000 lbs	63 lbs
	1,200'	35285	4,000 lbs	16,000 lbs	130 lbs
For The 6001 & 6901 (UT5) Puller 3/4"	300'	35098	6,500 lbs	26,000 lbs	58 lbs
	600'	35100	6,500 lbs	26,000 lbs	113 lbs
	1,200'	35101	6,500 lbs	26,000 lbs	230 lbs
For The 6800 (UT8) Puller & UT10-25 7/8"	300'	34136	8,000 lbs	32,000 lbs	90 lbs
	600'	34137	8,000 lbs	32,000 lbs	178 lbs
	1,200'	34138	8,000 lbs	32,000 lbs	359 lbs



00682

Pulling Tape

Tapes & Twine			
Catalog #	Description	Tensile Strength	Weight
58500-530	Pull Tape-Pre-Lubricated – 1/2" x 3,000'	1,250 lbs	24.35 lbs
58500-630	Pull tape Pre-Lubricated – 5/8" x 3,000'	1,800 lbs	32.5 lbs
58500-665	Pull Tape Pre-Lubricated – 5/8" x 6,560'	1,800 lbs	78.0 lbs
58500-730	Pull Tape Pre-Lubricated – 3/4" x 3,000'	2,500 lbs	48.5 lbs
58500-765*	Pull Tape Pre-Lubricated – 7/8" x 6,560'	2,500 lbs	109 lbs
58510-550	Detectable Pull Tape – 1/2" x 5,000'	1,250 lbs	54.5 lbs
58510-650	Detectable Pull Tape – 5/8" x 5,000'	1,800 lbs	70.5 lbs
58520-001	Measuring Tape – 3/16" x 3,000'	160 lbs	3.7 lbs
58530-001	Blowing Twine c/w Pail & Lid – 7,000'	180 lbs	12.0 lbs
58530-002	Blowing Twine c/w Pail & Lid – 3,000'	400 lbs	12.5 lbs

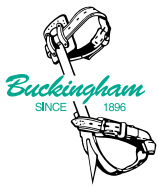
NOTE: Other sizes available upon request. *Wood reel standard



Tapes Group



58530



Skinning Knives & Splicer Knives

Skinning & Splicer Knives	
Catalog #	Description
BB-1	2-in-1 skinning knife and wire brush, blunt tip stainless steel black oxide coated blade, locks in open position, built in non-conductive snap ring
7091	Buck Ergoblade w/ 1-1/4" dia. rubber handle, 5-3/4" long handle, optional features include: accessory ring, blunt point, notched point or both
7095	Buckskinner strips cable up to 2" dia., handles on either side of the blade features finger grips and convex edge, with or without accessory ring
7080	Wood handled skinning knife, with or without accessory ring, blunt, notched or both type blade
7086	1-1/4" dia. yellow handled skinning knife, with or without accessory ring, blunt, notched or both type blade
7089	1-1/8" dia. red handled skinning knife, with or without accessory ring, blunt, notched or both type blade
7090	Cushioned handled skinning knife, with or without accessory ring, blunt, notched or both type blade
7088	6" length w/rubber grip and steel blade
5401-1	Straight blade cable splicer, tempered steel blade w/molded easy grip handle, 6" in length
5402-1G	Straight blade skinning knife, gray handle, 6" in length
5406	1-1/4" dia. round wooden handle, hawk-billed, hardened steel blade with D-ring
5412	1-1/4" dia. round high impact amber handle, hawk-bill fixed blade w/ D-ring
5415	1-3/20" dia. round high impact shotgun knife, hawk-bill fixed blade and accessory ring
5417-B	Flat handled ergonomic hawk-bill knife w/D-ring



7091



BB-1

Accessories

Knife Accessories	
Catalog #	Description
1258	2" width by 8" length slotted leather sheath fits 2" belt
1252	2" width by 8" length tunnel loop slotted leather sheath for splicer knife and notched scissors fits 2" belt
1252-1	2-1/4" width by 8" length tunnel loop leather sheath for splicer knife and notched scissors fits 2" belt
1258-3	2-1/4" width by 8" length nylon webbing sheath with metal belt clip for knife and scissors
1258-5	2-1/2" width by 6-1/2" length nylon sheath for folding hawk-bill lock knife with metal belt clip
1253	3" width by 9" length leather sheath, with rivet kit for optional ring loop
4051	Buckskinner holster
4089	9-1/2" length by 3" width leather sheath with optional ring loop
40892	8-1/2" length by 3" width leather sheath with steel clip
4079	9-1/2" length by 3" width slotted leather sheath



4079



1258

Stripping & Cable Preparation

Insulation Strippers		
Catalog #	Cable O.D. Range	Description
1542-2CL	1/2" – 1-3/4"	Speed stripper tool w/wedge blade installed, spare straight blade
1542-2CL-1	1/2" – 1-3/4"	Speed stripper tool w/wedge blade installed, spare wedge blade
1542-2CL-2	1/2" – 1-3/4"	Speed stripper tool w/straight blade installed, spare straight blade
1542-2AS	1/2" – 1-3/4"	Tool w/wedge blade installed, spare straight blade
1542-2AS-1	1/2" – 1-3/4"	Tool w/wedge blade installed, spare wedge blade
1542-2AS-2	1/2" – 1-3/4"	Tool w/straight blade installed, spare straight blade



1542-2CL

Mark Series Insulation Strippers		
Catalog #	Cable O.D. Range	Description
Mark I	3/4" – 2"	No bushings, heat treated rollers, clamps on both sides, walks cable when tool rotated, w/A011 wedge blade
Mark II	1-3/4" – 3"	No bushings, heat treated rollers, clamps on both sides, walks cable when tool rotated, w/A011 wedge blade
Mark II-10	1-3/4" – 3"	No bushings, heat treated rollers, clamps on both sides, walks cable when tool rotated, w/A010 wedge blade for 69kV – 138kV cables
Mark III	2-3/4" – 4"	No bushings, heat treated rollers, clamps on both sides, walks cable when tool rotated, tool stop accessory for square cut included, w/A010 wedge blade



MARK I

Semi-Con Scorers		
Catalog #	Cable O.D. Range	Description
1700	1/2" – 2"	Adjustable blade scorer w/square/spiral cut, leaf spring
1700-SS	1/2" – 2"	Adjustable blade scorer w/square/spiral cut and dial locking set screw, leaf spring
1700-LC	1/2" – 2"	Adjustable blade scorer w/square/spiral cut, saddle relief for close-in cut, leaf spring
1700-SS-LC	1/2" – 2"	Adjustable blade scorer w/square/spiral cut and dial locking set screw, saddle relief for close-in cut, leaf spring
1800	1-3/4" – 3"	Adjustable blade scorer w/square/spiral cut, coil spring
1800SS	1-3/4" – 3"	Adjustable blade scorer w/square /spiral cut, dial locking set screw, coil spring
1800LC	1-3/4" – 3"	Adjustable blade scorer w/square/spiral cut, saddle relief for close-in cuts, coil spring
BP-A	.38" - .75"	Adjustable blade scorer w/Teflon coated cable guide, one hand scoring of circumference and length & spring-loaded blade assembly assures consistent scoring depth
BP-1A	.75" – 1.10"	
BP-1AH	1.10" – 1.30"	
BP-2A	1.25" – 1.75"	
BP-2AH	1.75" – 1.95"	
BP-2AK	1.95" – 2"	
BP-3A	2" – 2.63"	



1700-SS



BP-1A



Stripping & Cable Preparation, cont.

Mid-Span Strippers

Mid-Span Cable Strippers		
Catalog #	Cable O.D. Range	Description
2900	.40" – 1.66"	Adjustable blade, reversible positioning jaw, field-replaceable blade, unlimited strip length w/standard handles
2900S	.40" – 1.66"	Adjustable blade, reversible positioning jaw, field-replaceable blade, unlimited strip length w/short handles
2750	.31" – 1.375"	Strips 600V insulation, unlimited stripback length, #4 through 1000 MCM secondary stripper
2850	.31" – 1.188"	Strips 600V insulation, unlimited stripback length, #4 through 1000 MCM secondary stripper
WS 71	.5" – 1.3"	End stripping of 600V secondary cable, bright color for visibility, indexing blade positions, quick release adjustments and made of a polymer material
WS 72	.5" – 1.3"	Mid-span stripping of 600V secondary cable, bright color for visibility, indexing blade positions, quick release adjustments and made of a polymer material
WS 1	.32" - .79"	Mid-span strippers, built for specific cable size, strip to any length, hook/ring or plastic handle or 3/4" rings
WS 2	.75" – 1.25"	Mid-span strippers, built for specific cable size, strip to any length, designed for gloved hand or hot stick operation, hook/ring or plastic handle or 3/4" rings
WSK 2	.75" – 1.25"	Mid-span strippers, double action blades built for specific cable size, strip to any length, designed for gloved hand or hot stick operation, hook/ring or plastic handle or 3/4" rings
WS 10	1.05" – 1.80"	Mid-span strippers, strips to any length at end or any point along cable, designed for gloved hand or hot stick operation, built for specific cable size, plastic handle or 3/4" or 2-1/2" rings
WSK 10	1.05" – 1.80"	Mid-span strippers, double action blades, strips to any length at end or any point along cable, designed for gloved hand or hot stick operation, built for specific cable size, plastic handle or 3/4" or 2-1/2" rings
WS 55	.6" – 1.625"	Adjustable mid-span/end strippers, gloved hand operation only, plastic handles, tools & blades marked for easy adjustment
WS 73	.5" – 1.5"	Adjustable mid-span/end stripper for outer jacket on secondary & primary cable, fine adj. knob, aluminum body and steel blade
WS-MSES	—	Mid-span & end stripping tool for primary voltage tap or riser wirers, strips to any length, cable size specific, spring loaded locking bolt opens the tool body, for #2, #4 & #6 AWG w/110 mil coverings



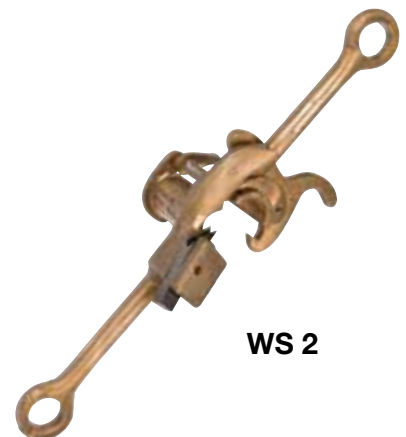
2750



2900



WS 72



WS 2

Stripping & Cable Preparation, cont.

Chamfering Tool

Catalog #	Description
CT 1	Cuts 45° bevel on cable insulation on 1/2" – 1 3/8" cables
CT 2	Cuts 45° bevel on cable insulation on 1-1/4" – 2-3/4" cables
WS 49	Cuts .5" taper cuts, end strip .75" pencils .5", uses bushings



CT 1

Other Stripping Tools

Catalog #	Cable O.D. Range	Description
WS 58	.625" – 1.625"	Adjustable end stripper, slide-action adjustment, two handle
RCS 114	.178" – 1.14"	Round cable stripper, excellent tool for stripping fiber optic cable, spiral cut for mid-span and end stripping, spring loaded cable brace, adjustable blade depth
RCS 158	.75" – 1.58"	Round cable stripper, excellent tool for stripping fiber optic cable, spiral cut for mid-span and end stripping, spring loaded cable brace, adjustable blade depth
MK04	.79" – 2.36"	Cable jacket stripper, heavy duty, end and mid-span stripping, adjustable blade depth, blade depth lock feature, roller support
WS 64	.5" – 2.5"	Adjustable end and mid-span stripping, dual position jaw, for primary and secondary cable, spring loaded trigger-action jaw, self-feeding
WS 67	.55" – 2.25"	Metallic sheath removal tool for stripping glued LC and CLX shielding, used w/ cutters to snip off excess shielding



RCS 114

WS 55

Power Driven End Strippers

Catalog #	Description
WS 68	End stripping tool for 600V secondary cable, used w/low or variable speed power drill, adjustable strip stop for strip lengths from .625" to 2.5", use standard 2x2 and 4x4 bushings, 1/4" hex for quick disconnect chucks, 3/8" & 1/2" square socket adapters available
WS 68 SNAP	End stripping tool for 600V secondary cable, used w/low or variable speed power drill, snap adds a bushing quick disconnect feature, adjustable strip stop for strip lengths from .625" to 2.5", use standard 2x2 and 4x4 bushings, 3/8" hex for quick disconnect chucks, 3/8" & 1/2" square socket adapters available



WS 68 SNAP

WS 68



4 X 4 Plus and 2 X 2 Plus Cable-End Strippers

4 X 4 & 2 X 2 Plus Cable end strippers for 600V secondary cable, choice of 2 or 4 size bushings ranging from #6 AWG to 500 kcmil conductors (concentric, compressed or compacted), strips 45 MIL to 110 MIL insulation, choice of square cut or chamfer cut, guarded cutting blades, bushings change easily with hex wrench.

Square Cut Concentric Strand Conductor—Insulation Thickness												
SIZE	45 MIL			60 MIL			80 MIL			95 MIL		
AWG	MAX.	O.D.	CAT. #	MAX.	O.D.	CAT. #	MAX.	O.D.	CAT. #	MAX.	O.D.	CAT. #
#6	.290"	7.37 mm	10-30030	.315"	8.00 mm	10-32540	---	---	---	.390"	9.91 mm	10-40075
#4	.340"	8.64 mm	10-35030	.365"	9.27 mm	10-37540	---	---	---	---	---	---
#2	.390"	9.91 mm	10-40030	.440"	11.18 mm	10-45040	.465"	11.81 mm	10-47560	---	---	---
#1	---	---	---	.465"	11.81 mm	10-47540	.515"	13.08 mm	10-52560	---	---	---
1/0	---	---	---	.515"	13.08 mm	10-52540	.565"	14.35 mm	10-57560	.590"	14.99 mm	10-60075
2/0	---	---	---	.565"	14.35 mm	10-57540	.590"	14.99 mm	10-60060	.640"	16.26 mm	10-65075
3/0	---	---	---	.615"	15.62 mm	10-62540	.665"	16.89 mm	10-67560	.690"	17.53 mm	10-70075
4/0	---	---	---	.665"	16.89 mm	10-67540	.715"	18.16 mm	10-72560	.740"	18.80 mm	10-75075
kcmil												
250	---	---	---	---	---	---	.765"	19.43 mm	11-77560	.790"	20.07 mm	11-80075
350	---	---	---	---	---	---	.865"	21.97 mm	11-87560	.890"	22.61 mm	11-90075
500	---	---	---	---	---	---	.990"	25.15 mm	11-100060	1.040"	26.42 mm	11-105075
Square Cut Compressed Strand Conductor—Insulation Thickness												
#6	.290"	7.37 mm	10-30030	.315"	8.00 mm	10-32540	---	---	---	.390"	9.91 mm	10-40075
#4	.340"	8.64 mm	10-35030	.365"	9.27 mm	10-37540	---	---	---	---	---	---
#2	.390"	9.91 mm	10-40030	.415"	10.54 mm	10-42540	.465"	11.81 mm	10-47560	---	---	---
#1	---	---	---	.465"	11.81 mm	10-47540	.515"	13.08 mm	10-52560	---	---	---
1/0	---	---	---	.490"	12.45 mm	10-50040	.540"	13.72 mm	10-55060	.590"	14.99 mm	10-60075
2/0	---	---	---	.540"	13.72 mm	10-55040	.590"	14.99 mm	10-60060	.615"	15.26 mm	10-62575
3/0	---	---	---	.590"	14.99 mm	10-60040	.640"	16.26 mm	10-65060	.665"	16.89 mm	10-67575
4/0	---	---	---	.665"	16.89 mm	10-67540	.690"	17.53 mm	10-70060	.74"	18.80 mm	10-75075
kcmil												
250	---	---	---	---	---	---	.740"	18.80 mm	10-75060	.765"	19.43 mm	11-77575
350	---	---	---	---	---	---	.840"	21.34 mm	11-85060	.890"	22.61 mm	11-90075
500	---	---	---	---	---	---	.965"	24.51 mm	11-97560	1.015"	25.78 mm	11-102575
Square Cut Compacted Strand Conductor—Insulation Thickness												
#6	.290"	7.37 mm	10-30030	.315"	8.00 mm	10-32540	---	---	---	.390"	9.91 mm	10-40075
#4	.340"	8.64 mm	10-35030	.365"	9.27 mm	10-37540	---	---	---	---	---	---
#2	.390"	9.91 mm	10-40030	.415"	10.54 mm	10-42540	.465"	11.80 mm	10-47560	---	---	---
#1	---	---	---	.440"	11.18 mm	10-45040	.490"	12.35 mm	10-50060	---	---	---
1/0	---	---	---	.465"	11.81 mm	10-47540	.515"	13.08 mm	10-52560	.565"	14.35 mm	10-57575
2/0	---	---	---	.515"	13.08 mm	10-52540	.565"	14.35 mm	10-57560	.590"	14.99 mm	10-60075
3/0	---	---	---	.565"	14.35 mm	10-57540	.615"	15.62 mm	10-62560	.640"	16.26 mm	10-65075
4/0	---	---	---	.615"	15.62 mm	10-62540	.665"	16.89 mm	10-67560	.690"	17.35 mm	10-70075
kcmil												
250	---	---	---	---	---	---	.715"	18.16 mm	10-72560	.740"	18.80 mm	10-75075
350	---	---	---	---	---	---	.790"	20.07 mm	11-80060	.840"	21.34 mm	11-85075
500	---	---	---	---	---	---	.915"	23.24 mm	11-92560	.965"	24.15 mm	11-97575

4 X 4 Plus and 2 X 2 Plus Cable-End Strippers, cont.



4X4 Plus



2X2 Plus

Chamfer Cut Concentric Strand Conductor—Insulation Thickness

SIZE	45 MIL			60 MIL			80 MIL			95 MIL		
	AWG	MAX.	O.D.	CAT. #	MAX.	O.D.	CAT. #	MAX.	O.D.	CAT. #	MAX.	O.D.
#6	.290"	7.37 mm	12-30030	.315"	8.00 mm	12-32540	---	---	---	.390"	9.91 mm	12-40075
#4	.340"	8.64 mm	12-35030	.365"	9.27 mm	12-37540	---	---	---	---	---	---
#2	.390"	9.91 mm	12-40030	.440"	11.18 mm	12-45040	.465"	11.81 mm	12-47560	---	---	---
#1	---	---	---	.465"	11.81 mm	12-47540	.515"	13.08 mm	12-52560	---	---	---
1/0	---	---	---	.515"	13.08 mm	12-52540	.565"	14.35 mm	12-57560	.590"	14.99 mm	12-60075
2/0	---	---	---	.565"	14.35 mm	12-57540	.590"	14.99 mm	12-60060	.640"	16.26 mm	12-65075
3/0	---	---	---	.615"	15.62 mm	12-62540	.665"	16.89 mm	12-67560	.690"	17.53 mm	12-70075
4/0	---	---	---	.665"	16.89 mm	12-67540	.715"	18.16 mm	12-72560	.740"	18.80 mm	12-75075
kcmil												
250	---	---	---	---	---	---	.765"	19.43 mm	13-77560	.790"	20.07 mm	13-80075
350	---	---	---	---	---	---	.865"	21.97 mm	13-87560	.890"	22.61 mm	13-90075
500	---	---	---	---	---	---	.990"	25.15 mm	13-100060	1.040"	26.42 mm	13-105075

Chamfer Cut Compressed Strand Conductor—Insulation Thickness

#6	.290"	7.37 mm	12-30030	.315"	8.00 mm	12-32540	---	---	---	.390"	9.91 mm	12-40075
#4	.340"	8.64 mm	12-35030	.365"	9.27 mm	12-37540	---	---	---	---	---	---
#2	.390"	9.91 mm	12-40030	.415"	10.54 mm	12-42540	.465"	11.81 mm	12-47560	---	---	---
#1	---	---	---	.465"	11.81 mm	12-47540	.515"	13.08 mm	12-52560	---	---	---
1/0	---	---	---	.490"	12.45 mm	12-50040	.540"	13.72 mm	12-55060	.590"	14.99 mm	12-60075
2/0	---	---	---	.540"	13.72 mm	12-55040	.590"	14.99 mm	12-60060	.615"	15.26 mm	12-62575
3/0	---	---	---	.590"	14.99 mm	12-60040	.640"	16.26 mm	12-65060	.665"	16.89 mm	12-67575
4/0	---	---	---	.665"	16.89 mm	12-67540	.690"	17.53 mm	12-70060	.740"	18.80 mm	12-75075
kcmil												
250	---	---	---	---	---	---	.740"	18.80 mm	12-75060	.765"	19.43 mm	13-77575
350	---	---	---	---	---	---	.840"	21.34 mm	13-85060	.890"	22.61 mm	13-90075
500	---	---	---	---	---	---	.965"	24.51 mm	13-97560	1.015"	25.78 mm	13-102575

Chamfer Cut Compacted Strand Conductor—Insulation Thickness

#6	.290"	7.37 mm	12-30030	.315"	8.00 mm	12-32540	---	---	---	.390"	9.91 mm	12-40075
#4	.340"	8.64 mm	12-35030	.365"	9.27 mm	12-37540	---	---	---	---	---	---
#2	.390"	9.91 mm	12-40030	.415"	10.54 mm	12-42540	.465"	11.80 mm	12-47560	---	---	---
#1	---	---	---	.440"	11.18 mm	12-45040	.490"	12.35 mm	12-50060	---	---	---
1/0	---	---	---	.465"	11.81 mm	12-47540	.515"	13.08 mm	12-52560	.565"	14.35 mm	12-57575
2/0	---	---	---	.515"	13.08 mm	12-52540	.565"	14.35 mm	12-57560	.590"	14.99 mm	12-60075
3/0	---	---	---	.565"	14.35 mm	12-57540	.615"	15.62 mm	12-62560	.640"	16.26 mm	12-65075
4/0	---	---	---	.615"	15.62 mm	12-62540	.665"	16.89 mm	12-67560	.690"	17.35 mm	12-70075
kcmil												
250	---	---	---	---	---	---	.715"	18.16 mm	12-72560	.740"	18.80 mm	13-75075
350	---	---	---	---	---	---	.790"	20.07 mm	13-80060	.840"	21.34 mm	13-85075
500	---	---	---	---	---	---	.915"	23.24 mm	13-92560	.965"	24.15 mm	13-97575



Bushing Installation Tools

Bushing Installation Tools	
Catalog #	Description
BIT/E180AT	Bushing insert tool w/180 in-lb torque limiter and T-handle – 5/16” hex shaft
BIT/E180AH	Bushing insert tool w/180 in-lb torque limiter and operating eye – 5/16” hex shaft
LRTP/TK240AT	Bushing insert tool for 600A LRTP w/T-handle and 240 in-lb torque limiter
LRTP/TK240AH	Bushing insert tool for 600A LRTP w/operating eye and 240 in-lb torque limiter
LRTP/TK55	Bushing insert tool for 600A LRTP w/55 ft-lb torque limiter and 1/2” drive
W516-13	Hex shaft for T-OP II installation has 5/16” shaft w/3/8” drive
TW516-13	T-Wrench for T-OP II installation has 5/16” shaft w/T-handle
LRTP-12	LRTP shaft only w/1/2” drive
BIT/TK120X-Q	Bushing insert with 130 in-lb torque limiter (fits all loadbreak bushing inserts)
BIT/TK120X-N	Bushing insert tool w/130 in-lb torque limiter (fits all deadbreak bushing inserts)
FIT/TK120X	Feedthru insert tool w/120 in-lb torque limiter (fits all loadbreak feedthru inserts)
LPW1525/TK120X-N	15/25kV Loadbreak probe wrench w/neutral winder and 120 in-lb torque limiter
LPW1525/TK120X	15/25kV Loadbreak probe wrench w/120 in-lb torque limiter
LPW1525	15/25kV Probe wrench for use with 1/4” square drive
TK120	15/25kV Torque limiter w/1/4” square drive
LPW35R/TK120X-N	35kV Loadbreak probe wrench w/neutral winder and 120 in-lb torque limiter
LPW35R/TK120X	35kV Loadbreak probe wrench w/120 in-lb torque limiter
PIT 1T	15/34.5kV Loadbreak elbow probe insertion tool w/125 in-lb torque delivery system, removable T-handle, 1” steel drive and 3/8” square drive socket
PIT 2	34.5kV Loadbreak elbow probe insertion tool w/1” hex on end of tool
LBIT-1T	Bushing insert tool for 200A w/internal hex socket drive and 180 in-lb torque setting
LBIT-1T-125	Bushing insert tool for 200A w/internal hex socket drive and 125 in-lb torque setting
LBIT-1TR	Bushing insert tool for 200A w/hotstick ring, adj. T-handle, 1” sq. socket drive, 7/8” hex and 180 in-lb torque setting



BIT-TK120X-Q



LPW1525/TK120X-N



LBIT-1T

Cable Prep Kits

Cable Prep Kits	
Cat. #	Description
CPK-1	CPK-12 case, 1542-2CL stripper w/1646X gauge, 1700SS scorer
CPK-2	CPK-12 case, 1542-2CL stripper w/1646X gauge, 1700SS scorer, SC-11 edge wedge, SC-13 roller grip
CPK-3	CPK-12 case, 1542-2AS stripper w/1646X gauge, SC-11 edge wedge, SC-13 roller grip
CPK-4	CPK-14 bag, 1542-2CL stripper w/1646X gauge, CT-1 chamfer tool, 1700SS scorer, LPW1525/TK120X-N comb. tool
CPK-5	CPK-14 bag, 1542-2CL stripper w/1646X gauge, 1700SS scorer, LPW1525/TK120X-N comb. tool, SC-11 edge wedge, SC-13 roller grip
CPK-6	CPK-14 bag, MARK I w/tool stop, 1700SS scorer, SC-11 edge wedge, SC-13 roller grip
CPK-7	CPK-14 bag, MARK I w/tool stop, 1700SS scorer, LPW1525/TK120X-N comb. tool, BIT/TK120X-Q bushing tool, SC-11 edge wedge, SC-13 roller grip
CPK-8	CPK-18 case, 1542-2CL stripper w/1646X gauge, 1700SS scorer, LPW1525/TK120X-N comb. tool
CPK-9	CPK-18 case, 1542-2CL stripper w/1646X gauge, 1700SS scorer, LPW1525/TK120X-N comb. tool, SC-11 edge wedge, SC-13 roller grip
CPK-10	CPK-18 case, 1542-2AS stripper w/1646X gauge, LPW1525/TK120X-N comb. tool, SC-11 edge wedge, SC-13 roller grip
CPK-11	CPK-24 bag, CT-2, MARK II w/tool stop, 1800SS, SC-11 edge wedge, SC-13 roller grip



CPK-11



Wire Pulling Grips

Easy to Use

- Grips open easily and release instantly to quickly insert or remove wire
- Large handle eye opening accepts standard hooks and is easily attached to tackle blocks

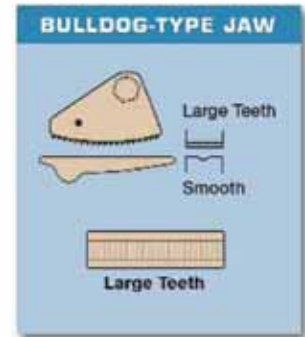
Rugged and Portable

- Forged steel construction is durable, yet lightweight
- Yellow chromate finish protects components from rust and corrosion

Jaw Options (see illustrations at right)

- Bulldog-Type Jaw–1,000 & 2,000 lbs
- Parallel Jaw–5,000 & 10,000 lbs
- Parallel Jaw–12,000 & 20,000 lbs

1,000 & 2,000 Lbs.

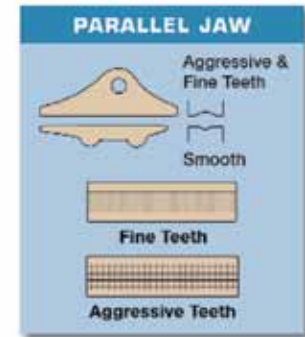


Little Mule Wire Pulling Grips

Catalog #	Capacity	Wire Size				Handle Eye Opening (in.)	Weight
		Minimum		Maximum			
		Size	Gauge	Size	Gauge		
LMG1000*	1,000 lbs	.04"	18 AWG	.394"	1/0 AWG	.625 DIA	1/2 lb
LMG2000*	2,000 lbs	.109"	8 AWG	.594"	4/0 AWG	1 X 1-1/2	1 lb
LMG4500	5,000 lbs	.18"	6 AWG	.6"	4/0 AWG	1-1/4 X 1-3/4	3-1/4 lbs
LMG4500A**	5,000 lbs	.18"	6 AWG	.60"	4/0 AWG	1-1/4 X 1-3/4	3-1/4 lbs
LMG4600	10,000 lbs	.30"	1 AWG	.80"	450 MCM	1-1/4 X 1-3/4	4-1/2 lbs
LMG4600A**	10,000 lbs	.30"	1 AWG	.80"	450 MCM	1-1/4 X 1-3/4	4-1/2 lbs
LMG4800	12,000 lbs	.70"	397 MCM	1.25"	1130 MCM	1-1/4 X 1-3/4	8 lbs
LMG4700	20,000 lbs	.70"	397 MCM	1.25"	1130 MCM	2-1/2 X 3-1/2	21 lbs

*Models with Bulldog-type jaw **Jaw for use with extra high-strength cable

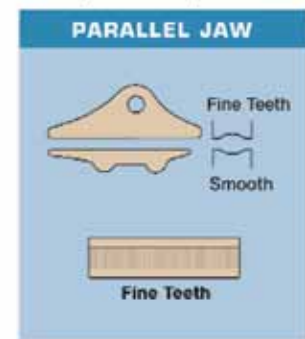
5,000 & 10,000 Lbs.



Eagle Line Wire Pulling Grips

Catalog #	Capacity	Wire Size				Jaw Contour	Weight
		Minimum		Maximum			
		Size	Gauge	Size	Gauge		
PG-1202	4500	.20"	6 ACSR	.40"	1/0 ACSR	Dbl Round	3 lbs
PG-1203	4500	.31"	2 ACSR	.53"	4/0 ACSR	Dbl Round	3-3/4 lbs
PG-1204	8000	.53"	4/0 ACSR	.74"	336 ACSR	Dbl Round	7-1/2 lbs
PG-1302	5000	.125"	Steel Str.	.50"	Steel Str.	Knurled Jaw	2 lbs
PG-1302L	5000	.125"	Steel Str.	.50"	Steel Str.	Knurled w/ Latch	2-1/2 lbs
PG-1402	4500	.157"	2 ACSR	.886"	4/0 ACSR	Parallel Dbl Round	3 lbs
PG-1403	7500	.625"	6 ACSR	1.25"	336 ACSR	Parallel Dbl Round	5 lbs
PG-1806	12000	.70"	397 MCM	1.25"	1130 MCM	Parallel Dbl Round	8 lbs

5,000 & 10,000 Lbs.



Wire Pulling Grips, cont.

Cable grips are hand-woven by experienced tradespeople, guaranteeing a consistent level of high quality. Grips are reverse woven, creating a loop at the end of the grip instead of being soldered or crimped together.

The looped pulling head is actually a separate wire rope eye which is placed inside the swage sleeve along with the wire mesh strands. The swage sleeve is then crimped—forming an extremely effective anchor point for both the looped head and the wire mesh. Testing proves this is never the weakest link of the product. The flexible eye allows cable to be pulled easily through smaller ducting.

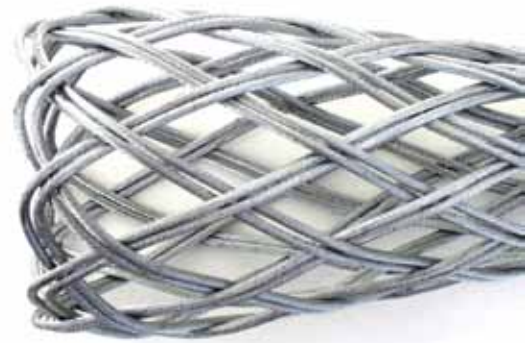
The cable grips enclose the cable firmly over the entire length of the mesh. They are made of high-tensile steel strands. Depending on the type of grip, the strand comprises 7, 12 or 19 wires. By selecting the most suitable strand, the tension distribution characteristics can be adjusted to suit the requirements.

All capacities indicated are approximate breaking strength. Each user must decide what safety factor they require for each specific operation before selecting which grip to use. Due to metal fatigue and possible in-use damage, quoted values only apply to new grips.

Special configurations (double eyes, extra length, etc.) may be available as a special factory order.



Grip Group



Reverse Weave

Double Weave—Single Eye				
Catalog #	Size Range	Approx. Mesh Length	Approx. Breaking Strength	Weight
00670-025	.24" – .37"	18"	4,250 lbs	.21 lbs
00670-038	.38" – .74"	18"	5,000 lbs	.34 lbs
00670-050	.75" – 1.12"	20"	6,600 lbs	.47 lbs
00670-100	1.13" – 1.49"	21"	10,000 lbs	.69 lbs
00670-125	1.50" – 1.99"	24"	13,800 lbs	1.43 lbs
00670-200	2.00" – 2.49"	24"	14,200 lbs	1.47 lbs
00670-250	2.50" – 2.99"	28"	17,500 lbs	1.90 lbs
00671-080	3.00" – 3.74"	30"	18,000 lbs	2.59 lbs
00671-095	3.75" – 4.24"	32"	26,500 lbs	3.52 lbs



00670

Wire Pulling Grips, cont.

Double Weave—Single Eye—Slack Grip—Closed Mesh

Catalog #	Size Range	Approx. Mesh Length	Approx. Breaking Strength	Weight
00674-010	.38" – .74"	14"	2,500 lbs	.45 lbs
00674-020	.75" – 1.12"	17"	3,000 lbs	.50 lbs
00674-030	1.13" – 1.49"	18"	5,000 lbs	.75 lbs
00674-040	1.50" – 1.99"	20"	10,000 lbs	1.54 lbs
00675-050	2.00" – 2.49"	20"	11,000 lbs	1.53 lbs
00675-065	2.50" – 2.99"	22"	12,000 lbs	1.85 lbs
00675-080	3.00" – 3.74"	24"	15,000 lbs	2.02 lbs
00675-095	3.75" – 4.24"	24"	15,000 lbs	4.32 lbs



00674

Double Weave—Single Eye—Slack Grip—Split Mesh

Catalog #	Size Range	Approx. Mesh Length	Approx. Breaking Strength	Weight
00678-010	.38" – .74"	14"	4,100 lbs	.40 lbs
00678-020	.75" – 1.12"	17"	4,970 lbs	.53 lbs
00678-030	1.13" – 1.49"	18"	8,150 lbs	.81 lbs
00678-040	1.50" – 1.99"	20"	12,100 lbs	1.47 lbs
00679-050	2.00" – 2.49"	21"	16,140 lbs	1.74 lbs
00679-065	2.50" – 2.99"	22"	16,140 lbs	2.09 lbs
00679-080	3.00" – 3.74"	24"	20,170 lbs	2.69 lbs
00679-095	3.75" – 4.24"	24"	23,400 lbs	2.94 lbs



00678

Double Weave—Single Eye—Shoulders

Catalog #	Size Range	Approx. Mesh Length	Approx. Breaking Strength	Weight
00680-025	.25" – .49"	18"	4,800 lbs	.25 lbs
00680-038	.50" – .74"	18"	5,800 lbs	.38 lbs
00680-050	.75" – 1.12"	24"	6,700 lbs	.61 lbs
00680-100	1.13" – 1.49"	24"	10,000 lbs	.87 lbs
00680-125	1.50" – 1.99"	24"	16,400 lbs	1.31 lbs
00680-200	2.00" – 2.49"	24"	18,500 lbs	1.76 lbs
00680-250	2.50" – 2.99"	36"	24,500 lbs	3.32 lbs
00680-300	3.00" – 3.74"	36"	24,500 lbs	3.33 lbs
00680-350	3.75" – 4.24"	48"	31,000 lbs	6.56 lbs
00680-400	4.25" – 4.99"	48"	31,000 lbs	7.64 lbs



00680

Triple Weave—Rotary Head—Shoulders

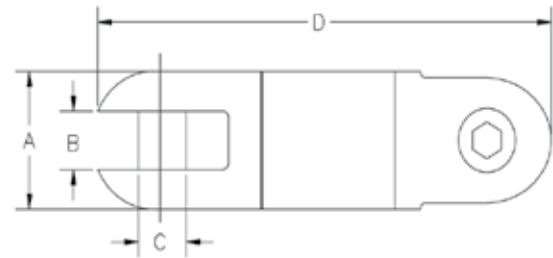
Catalog #	Color Code	Size Range	Approx. Mesh Length	Approx. Breaking Strength	Weight
00682-006	Dark Green	.25" – .49"	28"	6,500 lbs	.53 lbs
00682-012	Brown	.50" – .74"	33"	10,400 lbs	1.05 lbs
00682-019	Light Blue	.75" – .99"	41"	16,000 lbs	1.54 lbs
00682-025	Gold	1.00" – 1.24"	51"	25,400 lbs	3.85 lbs
00682-032	Black	1.25" – 1.49"	60"	31,700 lbs	5.27 lbs
00682-038	Red	1.50" – 1.99"	75"	32,000 lbs	7.19 lbs
00682-048	Yellow	2.00" – 2.49"	75"	44,600 lbs	9.51 lbs



00682

Line Swivels

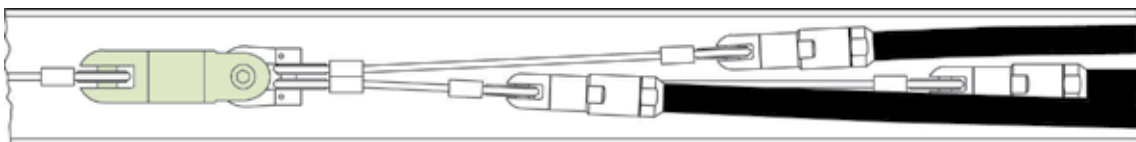
Line swivels are constructed with a thrust bearing for tensile load and radial bearing for bending load. The line swivels employ a compact design, and all sizes incorporate an oil seal and are manufactured from high-strength stainless steel. Locking line swivels are constructed with a bronze thrust bearing for tensile load and a radial bearing for bending load. The locking line swivel rotates up to a portion of the safe working load before locking. All sizes and types are pull-tested to verify the 3:1 safety factor. The larger sizes are supplied with hexagon clevis pins and the smaller sizes have slotted clevis pins. *Under no circumstance should alternate clevis pins be used.*



Line Swivels								
Catalog #	Locking Part #	3:1 Safe Working Load	5:1 Safe Working Load	A	B	C	D	Weight
00505-005	----	750 lbs	450 lbs	5/8"	9/32"	3/16"	2-1/12"	.12 lbs
00505-010	00505-010A	2,250 lbs	1,350 lbs	7/8"	3/8"	5/16"	3-3/8"	.32 lbs
00505-015	00505-015A	3,500 lbs	2,100 lbs	1"	13/32"	3/8"	3-7/8"	.51 lbs
00505-020	00505-020A	5,000 lbs	3,000 lbs	1-1/4"	17/32"	13/32"	4-3/4"	1 lb
00505-025	00505-025A	7,000 lbs	4,200 lbs	1 3/8"	9/16"	1/2"	5-1/8"	1.4 lbs
00505-027	00505-027A	9,000 lbs	5,400 lbs	1-1/2"	19/32"	1/2"	5-5/8"	1.8 lbs
00505-030	00505-030A	10,000 lbs	6,000 lbs	1-5/8"	11/16"	5/8"	6"	2.1 lbs
00505-035	00505-035A	15,000 lbs	9,000 lbs	2"	25/32"	11/16"	7"	3.9 lbs
00505-040	----	25,000 lbs	15,000 lbs	2-3/8"	1-1/32"	7/8"	10-5/16"	8.2 lbs
00505-041*	----	30,000 lbs	18,000 lbs	2-3/8"	1-1/32"	7/8"	10-5/16"	8.3 lbs
00505-045*	----	50,000 lbs	30,000 lbs	3"	1-3/16"	1-1/8"	13-3/4"	18 lbs
00505-050*	----	62,500 lbs	37,500 lbs	3-3/4"	1-1/2"	1-1/4"	15-9/16"	34 lbs

*These swivels are made from alloy steel with a black oxide finish, all others are stainless steel.

NOTE: Line swivels are not designed to run around bull wheels, and severe damage or injury may be incurred if this is done.



Breakaway Swivels

Series 00551

The new 00551 Series wire breakaway swivels protect the utility being installed from overload with the addition of a built-in swivel. Available in 3 different sizes, each with a different low-capacity range.



00551 Series												
Catalog #	A	B	C	D	E	F	G	H	J	K	Pin Kits	Weight
00551-110	7/8"	3/8"	5/16"	31/32"	1/2"	5-3/8"	6-1/16"	1/4"	1/2"	1/2"	Group A	.75 lbs

Series 00550

The 00550 series breakaway swivel also protects the utility being installed from overload with the addition of a built-in swivel. Breakaway pins may be changed to allow the same connector or can be used with a variety of different breakaway pins.

00550 Series									
Catalog #	A	B	C	D	E	F	G	Pin Kits	Weight
00550-005	5/8"	9/32"	3/16"	11/16"	1/4"	2-3/4"	3-1/4"	Group B	17 lbs
00550-010	7/8"	3/8"	5/16"	31/32"	7/16"	3-3/16"	4-1/16"	Group C	42 lbs
00550-020	1-1/4"	17/32"	13/32"	1-9/32"	17/32"	4-1/2"	5-9/16"	Group D	1.20 lbs



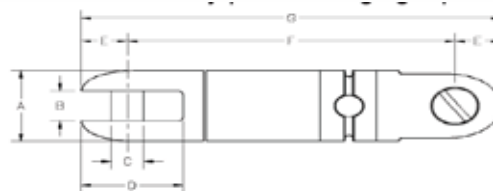
Breakaway Pin Kits

Group A		
Catalog #	Breaking Point	Color Code
00536-100	100 lbs	Red
00536-120	120 lbs	Blue

Group B		
Catalog #	Breaking Point	Color Code
00555-002	200 lbs	White
00555-0034	340 lbs	Red
00555-004	400 lbs	Yellow
00555-0045	450 lbs	Blue
00555-006	600 lbs	Orange
00555-007	675 lbs	Black

Group C		
Catalog #	Breaking Point	Color Code
00535-002	200 lbs	White
00535-004	400 lbs	Yellow
00535-006	600 lbs	Orange
00535-008	800 lbs	Grey
00535-010	1,000 lbs	Red

Group D		
Catalog #	Breaking Point	Color Code
00555-018	1,800 lbs	Green
00555-020	2,000 lbs	Blue
00555-027	2,700 lbs	Black
00555-036	3,600 lbs	Yellow
00555-040	4,000 lbs	Red





Power Cable Pulling Eyes

There are four types of cable pulling eyes, the Swivel-Grip™ that includes a built in swivel head with greater load ratings than the cable it is designed to pull, and two Power-Grip™ types that don't have built in swivels but are much shorter making bends and sheaves easier to traverse. The Mini-Grip™ is used for a less than 7 strand conductor cable.



24100 Power Grip



Power-Grips

Strand & Wire Dispenser

The Buckingham Model 6150 Strand & Wire Dispenser is designed to help with storing and dispensing coils of strands and wire for time saving and easy handling. They are available in two sizes: 6" Diameter x 30" Width at 10 lbs and 8" Diameter x 36" Width at 12 lbs



6150

Reel Thing & Reel Roller Platforms

The Reel Thing lets one man lift, stack and spin heavy spools for payout operations. The RT-20 has a weight capacity of 3,000 lbs and the RT-40 has a weight capacity of 4,500 lbs This is an increase from previous versions to make it more useful. The Reel Thing is versatile with the flipping feature to safely flip a reel from rolling to non-rolling position. The Reel Roller Platforms is a great way of dereeling wire and they are constructed of angle iron and steel plates with easy to roll platform rollers. Reel capacity available up to 3,000 lbs



Reel Roller Platform



RT-20

Reel Thing				
Cat. #	Min. Arbor Size	Max. Arbor Size	Wt. Capacity	Ship Wt.
RT-20	2"	4"	3,000 lbs	6.7 lbs
RT-40	3"	6"	4,500 lbs	15.05 lbs
RT-60	2-5/8"	6"	12,000 lbs	39.25 lbs



SALISBURY

by Honeywell



LOUISVILLE

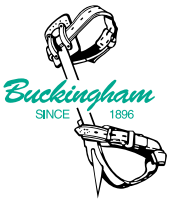
LADDERS TRUSTED BY THE PROS FOR OVER 60 YEARS



Bucket Truck Accessories

In this section:

- Tool Boards
- Tool Buckets
- Bags
- Harnesses
- Impact Guns
- Road Safety
- Lights
- Shovels
- Ladders



Fiberglass Tool Boards



1829-BH-1
16" L X 24" H



1829-BH-2
16" L X 24" H



1829-BH-4
16" L X 24" H



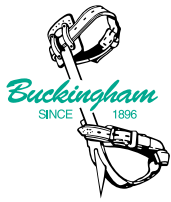
1829-BL-1
16" L X 24" H



1829-BL-2
16" L X 24" H



1829-BL-4
16" L X 24" H



Fiberglass Tool Boards, cont.



1P-1829-BL-5MAG
23-9/10"L X 4"W X 24"H



1829-BL-7AD-MAG
23-9/10"L X 4"W X 21-1/4"H



45006
18"L X 20"W



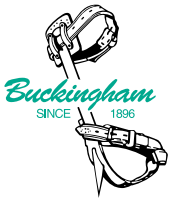
4505
20-1/2"L X 20"W



4500
18"L X 20"W



45003
18"L X 20"W



Tool Aprons



4500Y
23-7/8"L X 4"W X 21-3/4"H



4500YM2
23-7/8"L X 4"W X 21-3/4"H
Same as 4500Y, but with a magnetic strip



4044
24"L X 4"W X 29"H



4041
18"L X 4"W X 19-1/2"H



1826-2
22"L X 4"W X 27"H



1829-DP
22-7/8"L X 4"W X 21-1/4"H
(Optional magnetic strip)



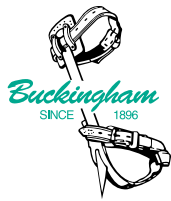
1829-HB-7
23-7/8"L X 4"W X 21-1/4"H
Hard body



1829-PECO3
23"L X 4"W X 30"H



1829-PGE-7
29"L X 4"W X 29-1/2"H



Compression Tool Bag & Bucket Hooks



2651 • 10"L X 3"W X 19"H

Available with 1 pocket for compression tool and 1 pocket for bolt cutter. Has 2 grommets for hanging inside the bucket.



2651-2-XCEL • 10"L X 3"W X 19"H

Available with 2 pockets for compression tool and 1 pocket for bolt cutter. Comes with 3 grommets for hanging inside the bucket.



4037 • 26"L X 10"W

Available with 3 pockets for compression tools and bolt cutters. Comes equipped with 2 grommets for hanging inside the bucket.



4035Y • 22"H X 10"W

2-pocket carrying bag for inline tools, spare batteries and dies. Both pockets have hook & loop closure. Padded bottom for protection.



2405

Polymer hook with 1/2" tapered end. Fits 3"-wide bucket lip.



2401-3

Polymer hook with 11/16" O.D. Fits 3"-wide bucket lip.



2403

Made of 100% nylon. Stretches without breaking at 1,000 lbs and retains physical properties up to 200°F. Fits 3" bucket lip.



5434

Aerial basket fits 4-1/2" lip, 3/4" stock.



1830

Polymer hook fits all standard buckets.



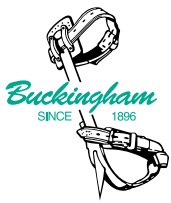
1831

Polymer hook that fits all standard buckets.



1832

Polymer hook fits all standard buckets.



Tool/Nose Buckets

Buckingham Round Tool/Nose Buckets		
Cat. #	Dimensions	Description
1215	12" Dia x 15"H	Canvas, molded rubber base, brass swivel snap, 1 inside pocket
1215TS	12" Dia x 15"H	Canvas, molded rubber base, brass swivel snap, 1 inside pocket, drawstring top
1216	12" Dia x 15"H	Canvas, molded rubber base, brass swivel snap
1216P	12" Dia x 15"H	Canvas, molded rubber base, brass swivel snap, 15 inside pockets
1217	12" Dia X 15"H	Canvas, molded rubber base, 1 inside pocket
1218	12" Dia x 15"H	Canvas, molded rubber base
309C	9" Dia x 11 1/2"H	Canvas, steel top ring, molded rubber base, brass swivel snap, inside glove strap
11227	16" Dia x 23"H	Canvas, leather base, 1 inside pocket
11215	12" Dia x 15"H	Canvas, leather base reinforced w/Masonite, brass swivel snap, 1 inside pocket
11216	12" Dia x 15"H	Canvas, leather base reinforced w/Masonite, brass swivel snap
11217	12" Dia x 15"H	Canvas, leather base reinforced w/Masonite, 1 inside pocket
11218	12" Dia x 15"H	Canvas, leather base reinforced w/Masonite
1231	5" Dia x 7"H	Canvas, rubber base
1230	5" Dia x 7"H	Canvas, rubber base, outside pockets
1228S8	9" Dia x 12"H	Canvas, loops for amp tool cartridge shells, grommet, bronze swivel snap
121514	12" Dia x 12"H	Canvas, rubber bottom, bronze swivel snap, 14 outside pockets
1213	9" Dia x 12"H	Canvas, rubber base, 2 inside / 4 outside pockets
11213	9" Dia x 12"H	Canvas, rubber base, brass swivel snap, 2 inside / 4 outside pockets
11223	9" Dia x 12"H	Canvas, leather base, 2 inside / 4 outside pockets
11233	9" Dia x 12"H	Canvas, leather base, brass swivel snap, 2 inside / 4 outside pockets
1219	12" Dia x 22"H	Canvas, rubber base, 2 inside / 4 outside pockets
11219	12" Dia x 22"H	Canvas, leather base, 2 inside / 4 outside pockets
11229	12" Dia x 22"H	Canvas, rubber base, brass swivel snap, 2 inside / 4 outside pockets
11239	12" Dia x 22"H	Canvas, leather base, brass swivel snap, 2 inside / 4 outside pockets
Cat. No.	Dimensions	Description
312C	12" Top Dia/9" Base Dia x 13"H	Canvas, steel top ring, rubber base, inside glove strap, brass swivel snap
1220	12" Top Dia/9" Base Dia x 13"H	Canvas, rubber base, brass swivel snap
311	12" Top Dia/9" Base Dia x 14"H	Canvas, rubber base, brass swivel snap



11213



1215TS



311

Tool Buckets

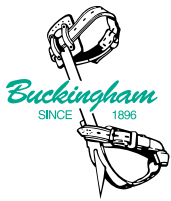
Estex Tool Buckets		
Catalog #	Dimensions	Description
2021	8" Dia x 12"H	Canvas, leather base
2022	8" Dia x 12"H	Canvas, co-polymer base
2025	8" Dia x 12"H	Vinyl, leather base
2026	8" Dia x 12"H	Vinyl, co-polymer base
2029	8" Dia x 12"H	Canvas, leather base, #3 swivel snap
2030	8" Dia x 12"H	Canvas, co-polymer base, #3 swivel snap
2031	8" Dia x 12"H	Vinyl, co-polymer base, #3 swivel snap
2033	8" Dia x 12"H	Vinyl, leather base, #3 swivel snap
2060-SCL	12" Dia x 17"H	Canvas, co-polymer base, 1 inside pocket
2061-SCL	12" Dia x 17"H	Canvas, leather base, 1 inside pocket
2061-SCL-S	12" Dia x 17"H	Canvas, leather base, #3 swivel snap, 1 inside pocket
2061	12" Dia x 15"H	Canvas, leather base, 1 inside pocket
2063	12" Dia x 15"H	Canvas, co-polymer base, 1 inside pocket
2065	12" Dia x 15"H	Vinyl, leather base, 1 inside pocket
2066	12" Dia x 15"H	Vinyl, co-polymer base, 1 inside pocket
2069	12" Dia x 15"H	Canvas, leather base, #3 swivel snap, 1 inside pocket
2070	12" Dia x 15"H	Canvas, co-polymer base, #3 swivel snap, 1 inside pocket
2073	12" Dia x 15"H	Vinyl, leather base, #3 swivel snap, 1 inside pocket
2078	12" Dia x 15"H	Vinyl, co-polymer base, #3 swivel snap, 1 inside pocket
2081	12" Dia x 22"H	Canvas, leather base, 1 inside pocket
2088	12" Dia x 22"H	Canvas, co-polymer base, #3 swivel snap, 1 inside pocket
2060-SCLHB	12" Dia x 17"H	Hard body, canvas, co-polymer base
2066-S	12" Dia x 15"H	Vinyl, co-polymer base, web sling, swivel snap, 1 inside pocket
2070-HB	12" Dia x 15"H	Hard body, canvas, co-polymer base, #3 swivel snap
2004	12" Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 14 inside / 14 outside pockets
2006	10" Dia x 12"H	Canvas, co-polymer base, 4 outside pockets
2007	10" Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 3 outside pockets
2007-1	10" Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 3 outside / 6 inside pockets
2099	12" Dia x 13"H	Canvas, double reinforced, 2" web handle, double ply base
2008	5" Dia x 6"H	Mini canvas bucket, zenith cord handle, co-polymer base, outside pockets
2009	5" Dia x 6"H	Mini canvas bucket, zenith cord handle, co-polymer base
2015	5 3/4" Dia x 8"H	Mini canvas buckets, zenith cord handle, leather base
Cat. #	Dimensions	Description
2046	10" Top Dia/8" Base Dia x 12"H	Canvas, co-polymer base, 1 inside pocket
2047	10" Top Dia/8" Base Dia x 12"H	Vinyl, co-polymer base, 1 inside pocket
2049	10" Top Dia/8" Base Dia x 12"H	Canvas, leather base, #3 swivel snap, 1 inside pocket
2051	10" Top Dia/8" Base Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 1 inside pocket
2058	10" Top Dia/8" Base Dia x 12"H	Vinyl, co-polymer base, #3 swivel snap, 1 inside pocket
2050	12" Top Dia/8" Base Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 1 inside pocket
2050-S	12" Top Dia/8" Base Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 1 inside pocket
2050-S-IP	12" Top Dia/8" Base Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 15 inside pockets
2059	12" Top Dia/8" Base Dia x 12"H	Canvas, co-polymer base, #3 swivel snap, 14 outside pockets



2022



2071



Oval Tool Buckets

Buckingham Oval Tool Buckets			
Catalog #	Dimensions	Pockets	Description
12161	14"L x 10"H x 6 1/2"W	15 inside	Canvas, 2 grommets, 2 bucket hooks, molded bottom w/drain holes
12161L	14"L x 10"H x 6 1/2"W	15 inside	Canvas, 2 grommets, molded bottom w/drain holes
12161M2	14"L x 10"H x 6 1/2"W	15 inside	12161 bucket w/magnetic strip
12162	14"L x 10"H x 6 1/2"W	15 inside	Canvas, rope w/snap, molded bottom w/drain holes
12163	14"L x 10"H x 6 1/2"W	13 outside	Canvas, nylon web carrying handles, molded bottom w/drain holes
12164	14"L x 10"H x 6 1/2"W	1 inside	Heavy canvas, 12 shell loops, 2 grommets, bottom w/drain holes
12165L	14"L x 10"H x 6 1/2"W	14 outside	Heavy canvas, nylon web carrying handles, 2 grommets
12166	14"L x 10"H x 6 1/2"W	8 inside	Heavy canvas, molded bottom w/drain holes, 2 grommets, 2 hooks
12166L	14"L x 10"H x 6 1/2"W	8 inside	Heavy canvas, molded bottom w/drain holes, 2 grommets
121656	14"L x 10"H x 6 1/2"W	15 inside	Heavy canvas, molded bottom w/drain holes, 2 grommets, 2 hooks
12169H1K	14"L x 10"H x 6 1/2"W	12 inside	Heavy canvas, PVC bumper, molded rubber bottom, 2 hooks
12167	14"L x 19"H x 6 1/2"W	6 inside	Heavy canvas, 2 grommets, molded bottom, 2 hooks
12167L	14"L x 19"H x 6 1/2"W	6 inside	12167 bucket w/out hooks
12167H1	14"L x 19"H x 6 1/2"W	6 inside	12167 w/plastic liner
121615CH1L	14"L x 10"H x 6 1/2"W	14 out /15 in	Canvas w/hard body, 2 grommets, nylon web handles
12168	14"L x 19"H x 6 1/2"W	10 inside	Canvas w/rubber bottom, 2 grommets, 2 hooks
1216241	14"L x 10"H x 6 1/2"W	26 in /15 out	Canvas, molded bottom w/drain holes, rope w/swivel snap
12160S1H1L	23"L x 14"H x 12 1/2"W	None	Designed to carry oversized bulbs, hard body, drainage in bottom



121615CH1L



12162



12167



12168



12169H1K

Oval Tool Buckets, cont.

Estex Oval Tool Buckets		
Catalog #	Pockets	Description
1800	6 inside	(See Below)
1800-HB	6 inside	Hard body reinforced bucket
1810-FR-C	10 inside	Vinyl, elastic cover to protect tools from the weather
1810	7 inside	(See Below)
1810-HB	7 inside	Hard body reinforced bucket
1818	9 inside	Plus 1 pouch
1818-7	9 inside	Plus 1 pouch, nylon cordura, insosil lining
1820-HB	15 inside	Hard body reinforced bucket
1820-HB-C	15 inside	Hard body reinforced bucket w/ built in cover
1820-HB-C1-MAG	15 inside	1820-HB-C w/ magnet strip
1820-MAG	15 inside	Magnet strip
1820-4G	15 inside	4 grommets
1820-SCE	15 inside	Vinyl
1820-H-HB	15 inside	Hard body, carrying handles

Unless otherwise indicated, all buckets are canvas, have hard plastic bottom w/ drain holes, 2 grommets and are standard size – 15”L x 7”W x 9”H



1810-O



1815-7

Estex Oval URD & Splicers Tool Buckets		
Catalog #	Pockets	Description
1815	14 in / 14 out	No grommets
1815-2G	14 in / 14 out	(See Below)
1815-14	15 in / 14 out	No grommets
1815-14-2G	15 in / 14 out	(See Below)
1815-HB	14 outside	No grommets, hard body
1815-2G-HB	14 outside	Hard body
1815-14-HB	15 in / 14 out	No grommets, hard body
1815-14HB2	15 in / 14 out	No grommets, 11” high, hard body
1815-14HB3	15 in / 14 out	11” high, hard body
181514HB2G	15 in / 14 out	Hard body
1815-7	14 outside	No grommets, Inosil corrosion shield, water resistant
1815-2G-7	14 outside	Inosil corrosion shield, water resistant
1815-14-7	15 in / 14 out	No grommets, Inosil corrosion shield, water resistant
1815-147HB	15 in / 14 out	No grommets, hard body, Inosil corrosion shield, water resistant
1815-1472G	15 in / 14 out	Inosil corrosion shield, water resistant
1815147H2G	15 in / 14 out	Hard body, Inosil corrosion shield, water resistant
1815147TVA	15 in / 14 out	Hard body, Inosil corrosion shield, water resistant, shoulder strap
181514HBHQ2	15 in / 14 out	9”W x 11”H, hard body, made w/1000 Denier Nylon Cordura

Unless otherwise indicated, all buckets are canvas, have hard plastic bottom w/drain holes, 2 grommets and are standard size – 15”L x 7”W x 9”H



181514HB2G



1820-HB

Oval Tool Buckets, cont.

Estex Oval Tool Buckets		
Catalog #	Pockets	Description
1815-14SP	15 in /14 out	2 grommets
181514HBGT	15 in /14 out	1" web strap w/swivel snap, 2 grommets
1816	26 in /15 out	No grommets
1816-HB	26 in /15 out	Hard body, no grommets
1816-7	26 in /15 out	6 inside pouches, Inosil corrosion shield
1816-7-2G	26 in /15 out	2 grommets, Inosil corrosion shield
1821	15 inside	Rope is UV rot resistant
1821-7	15 inside	Rope is UV rot resistant, Inosil corrosion shield
1821-17	15 outside	2 inside pouches, rope is UV rot resistant
1821-OP	15 outside	No inside pockets, rope is UV rot resistant
1807-1	None	5 interior plastic dividers w/padded base, 16"L x 9"W x 20"H
1800-20-HB	6 inside	Hard body, 20"H, 2 grommets
1800-25-HB	None	Hard body, 25"H, 2 grommets
1818-20	9 inside	1 pouch, 20"H, 2 grommets

Unless otherwise indicated, all buckets are canvas, have hard plastic bottom w/ drain holes, 2 grommets and are standard size – 15"L x 7"W x 9"H



1800-20-HB

Tool Trays

Tool Trays		
Catalog #	Dimensions	Description
05-919-1	24" deep x 6-1/2" wide x 17" long	Extra deep tool tray, fiberglass, fits buckets with or without liners
05-951	7-1/2" deep x 6" wide x 14" long	Outside tool tray, fiberglass, fits buckets with or without liners
05-955	7-1/2" deep x 6" wide x 20" long	Outside tool tray, fiberglass, fits buckets with or without liners
05-977	2" deep x 2" wide x 11-1/2" long	Socket holder, fiberglass, fits buckets with liners
05-976	2" deep x 2" wide x 11-1/2" long	Socket holder, fiberglass, fits buckets with liners
05-929-1	6" deep x 8" wide x 20" long	Tool tray, 5 compartments w/removable partitions, fiberglass, fits buckets with or without liners
05-918-1	7-1/2" deep x 6" wide x 14" long	Inside or outside tool tray, uses standard hooks, fiberglass
4509	8" deep x 8-1/4" wide x 19" long	Tool tray, built on hanger fits 2-5/8" lip, bumpers, fiberglass
4510	11" deep x 9" wide x 18" long	Inside or outside tool tray, uses hooks, fiberglass, magnetic strip available
4511	19-1/4" deep x 6-1/2" wide x 18.4" long	Tool tray, built in hanger and bumper, fiberglass
4512	8" deep x 6" wide x 11-1/2" long	Tool tray, built on hanger fits 3-3/4" lip, fiberglass



05-919-1



05-929-1



4510

Impact Wrenches

Hydraulic H8508 Specifications					
Operating Pressure	Optimum Flow	Torque	Pressure Port Thread	Return Port Thread	Weight/Length/Width/Height
1,000–2,000 psi	5-8 gpm	400ft.-lbs at 8 gpm	3/4 -16 SAE O-Ring	3/4 - 16 SAE O-Ring	7.1 lbs/8.2"/4.2"/10.6"
Hydraulic HW Series Specifications					
Operating Pressure	Optimum Flow	Torque	Pressure Port Thread	Return Port Thread	Weight/Length/Width/Height
1,000–2,500 psi	5-8 gpm	500ft.-lbs at 8 gpm	9/16 -18 SAE O-Ring	3/4 - 16 SAE O-Ring	6.5 lbs/8.2"/4.2"/11"
Hydraulic REL-425 Specifications					
Operating Pressure	Optimum Flow	Torque	Pressure Port Thread	Return Port Thread	Weight/Length/Width/Height
1,300–2,000 psi	5-6 gpm	425ft.-lbs at 5-6 gpm	9/16 -18 SAE O-Ring	3/4 - 16 SAE O-Ring	6.3 lbs/8.6"/8.8"/2.7"

Impact Wrenches		
Catalog #	Description	Weight
HW1	High torque hydraulic 1/2" drive w/ 7/16" hex QC chuck w/ adapter	6.5 lbs
HW1V	High torque hydraulic 1/2" drive w/torque adjustment, 7/16" hex QC chuck w/adapter	6.6 lbs
HW3	High torque hydraulic 3/4" drive w/3/4" square drive w/auxiliary handle	10.5 lbs
H8508-1	Hydraulic 1/2" drive w/ 7/16" hex QC chuck	7.4 lbs
H8508-1V	Hydraulic 1/2" drive w/ 7/16" hex QC chuck and flow control	7.7 lbs
H8508-3	Moderate torque hydraulic 1/2" drive w/ 7/16" hex QC chuck	8.8 lbs
H8508-3V	Moderate torque hydraulic 1/2" drive w/ 7/16" hex QC chuck and flow control	9 lbs
REL-425C	Hydraulic 1/2" drive w/ 7/16" hex QC chuck	6.3 lbs
2451-22	M12 cordless impact, 3/8" friction ring drive, 2 Li-Ion batteries, charger and case	2.3 lbs
2450-22	M12 cordless impact, 1/4" hex drive, 2 Li-Ion batteries, charger & case	2.3 lbs
2664-22	M18 cordless high torque impact, 3/4" drive, 2 Li-Ion batteries, charger and case	6.8 lbs
2663-22	M18 cordless high torque impact, 1/2" friction ring drive, 2 Li-Ion batteries, charger and case	6.7 lbs
2662-22	M18 cordless high torque impact, 1/2" pin detent drive, 2 Li-Ion batteries, charger and case	6.7 lbs
2665-22	M18 cordless high torque impact, 7/16" hex chuck, 2 Li-Ion batteries, charger and case	7 lbs
2652-22	M18 cordless compact impact, 1/2" pin detent drive, 2 Li-Ion batteries, charger and case	4.1 lbs
2651-22	M18 cordless compact impact, 3/8" friction ring drive, 2 Li-Ion batteries, charger and case	4.1 lbs
5600	Robo Impact, cordless, 7/16" hex QC chuck, 2 19.2V Li-Ion batteries, charger and case	5.7 lbs



2665-22



HW1



REL-425C



5600

Shovels–Brooms–Loppers

Shovels

Structron® brand shovel handles are manufactured with heavy duty fiberglass or hard-wood and spring steel blades maintain flexibility that won't bend or break, as easily as, other shovel blades. The blades feature highly durable heat treated carbon steel. Limited examples shown. For more options, please call.

Shovels			
Cat. #	Head Type	Handle	Weight
S704D	Drain Spade	29" Fiberglass w/poly D grip	4.25 lbs
S715D	Drain Spade	29" Fiberglass w/poly D grip	4.8 lbs
S601	Square Point	48" Fiberglass w/cushion grip	5.45 lbs
S600D	Round Point	29" Fiberglass w/poly D grip	4.37 lbs



Brooms

Structron® brand brooms feature LokBlok™, a threadless locking system that will not loosen during use. These brooms have polypropylene bristles available for rough or smooth surfaces. Limited examples shown. For more options, please call.

Brooms			
Cat. #	Description	Handle	Weight
PB24	Push broom for smooth surfaces	60" Fiberglass w/cushion grip	3.65 lbs
PB24R	Push broom for rough surfaces	60" Fiberglass w/cushion grip	3.57 lbs
SB24R	Street broom	60" Fiberglass w/cushion grip	3.12 lbs



Loppers

Structron® brand loppers have a compound action lever design with several options available. Limited examples shown. For more options, please call.

Loppers				
Cat. #	Description	Cutting Cap.	Handle	Weight
EXA36	Anvil Lopper	2.0"	Fiberglass, extends from 24" to 36" w/cushion grip	6 lbs
CL24	Anvil Lopper	2.0"	24" Fiberglass w/cushion grip	4 lbs
BL24	Bypass Lopper	1.5"	24" Fiberglass w/cushion grip	3.62 lbs



Cones & Unilamps

Cones

Traffic Cones	
Height	Description
18"	100% Fluorescent orange, no reflective collar
18"	100% Fluorescent orange, 6" reflective collar
28"	Wide body 100% Fluorescent orange, no reflective collar
28"	Wide body 100% Fluorescent orange, 6" & 4" reflective collar
28"	Wide body 100% Fluorescent orange, 10 lb, 6" & 4" reflective collar
28"	Slim line 100% Fluorescent orange, no reflective collar
28"	Slim line 100% Fluorescent orange, 6" & 4" reflective collar
36"	Wide body 100% Fluorescent orange, no reflective collar
36"	Wide body 100% Fluorescent orange, 6" & 4" reflective collar

Also available are collapsible cone kits that are light in weight, only 8 lbs each, with rugged black rubber bases. Cone features water-resistant solid nylon material in hi-viz orange for added visibility. The cone collars are 6" upper and 4" lower made of Reflexite prismatic sealed surface retro reflective material. The kits comes with 5 collapsible cones and a storage bag with zipper top and carrying straps.



UniLamp™

An accessory available for the cones is the UniLamp™ featuring a 360° high-clarity polycarbonate lens with two versions—flashing and flashing with photocell. The UniLamp™ is powered by a 6-volt lantern battery and is also available with a red lens.

UniLamp™	
Catalog #	Description
UCW6N	6V Flashing
UCW6N-R	6V Red lens Flashing
UCW6S	6V Flashing w/photocell
UCW6S-R	6V Red lens Flashing w/photocell



Sign Stands

There are a variety of sign stands for every need. These stands are flexible and lightweight for easy handling and storage, but robust enough for the heaviest traffic areas where wind gusts are strong.

Dual-Spring Full-Size Sign Stands			
Catalog #	Sign Height	Type Signs	Legs
STF1008-RUB	5' OR 7'	Roll-up	Nonadjustable Steel
STF1214-RUB	14"	Roll-up	Nonadjustable Steel
STF18-RUB	18"	Roll-up	Nonadjustable Steel
STF18-RGB	18"	Rigid	Nonadjustable Steel
STF18-RG/RU	18"	Roll-up & Rigid	Nonadjustable Steel
TF1214-RUB	14"	Roll-up	Nonadjustable Aluminum
TF18-RUB	18"	Roll-up	Nonadjustable Aluminum
TF18-RGB	18"	Rigid	Nonadjustable Aluminum
TF18-RG/RU	18"	Roll-up & Rigid	Nonadjustable Aluminum
TF60-RUB	5'	Roll-up	Nonadjustable Aluminum
TF60-RGB	5'	Rigid	Nonadjustable Aluminum
TF60-RG/RU	5'	Roll-up & Rigid	Nonadjustable Aluminum
TF84-RUB	7'	Roll-up	Nonadjustable Aluminum
TF84-RGB	7'	Rigid	Nonadjustable Aluminum
TF84-RG/RU	7'	Roll-up & Rigid	Nonadjustable Aluminum



TF60

Dual-Spring Compact Sign Stands for Roll-Up			
Catalog #	Sign Height	Holder Type	Legs
STF12W	12"	Screwlock	Adjustable Steel
STF12C	12"	Channel	Adjustable Steel
TF12W	12"	Screwlock	Adjustable Aluminum
TF12C	12"	Channel	Adjustable Aluminum



STF18



DF3000W

Torsion Spring Compact Sign Stands		
Catalog #	Sign Height & Type	Holder Type
DF3000W	12" / Roll-up	Screwlock
DF3003W	12" / Roll-up	Screwlock
DF3000S	12" / Fold & Roll	Stablock™
DF3003S	12" / Fold & Roll	Stablock™
DF4503	5' / Roll-up	RUB3315
DF4700TX	7' / Roll-up	RUB3315

Sign Stands, cont.

Dual-Spring Compact Sign Stands for Roll-Up

Catalog #	Sign Height	Holder Type	Legs
UF2000W	12"	Screwlock	Adjustable Aluminum
UF2000S	12"	Stablock™	Adjustable Aluminum
SUF2000W	12"	Screwlock	Adjustable Steel
SUF2000S	12"	Stablock™	Adjustable Steel



UF2000W

Non-Spring Compact Sign Stand for Roll-Up

Catalog #	Sign Height	Holder Type	Legs
DL1000W	12"	Screwlock	Adjustable Aluminum
DL1003W	12"	Screwlock	Adjustable Aluminum
SDL1000W	12"	Screwlock	Adjustable Steel
DL1000L	12"	Latch	Adjustable Aluminum
DL1003L	12"	Latch	Adjustable Aluminum
SDL1000L	12"	Latch	Adjustable Steel
DL1008-RUB	Variable	Roll-up Bracket	Adjustable Aluminum
SDL1008-RUB	Variable	Roll-up Bracket	Adjustable Steel



SDL1000W

Complete Fold & Roll Systems

Catalog #	Sign Material	Sign Size
DF3000X36	Super Bright™ Reflective	36"
DF3003X48	Super Bright™ Reflective	48"
DF3000X36MAR	Marathon™ Reflective	36"
DF3003X48MAR	Marathon™ Reflective	48"
DF3000X36NR	Solid Vinyl – Non-Reflective	36"
DF3003X48NR	Solid Vinyl – Non-Reflective	48"
DF3000X36M	Mesh – Non-Reflective	36"



DF3003X48MAR

Safety Signs

Safety signs are used for many jobs, including utility work and road construction. There are a variety of signs made from the best materials, and available for all types of work.



Non-Reflective 36" X 36" Roll-up Signs	
Material/Description	
Standard Mesh (Daytime use only) – with or without ribs in white or fluorescent orange	
Premium Mesh (Daytime use only) – with or without ribs in white or fluorescent orange	
Non-Reflective Vinyl (Daytime use only) – with or without ribs in fluorescent orange	
Non-Reflective 48" X 48" Roll-up Signs	
Material/Description	
Standard Mesh (Daytime use only) – with or without ribs in white or fluorescent orange	
Premium Mesh (Daytime use only) – with or without ribs in white or fluorescent orange	
Non-Reflective Vinyl (Daytime use only) – with or without ribs in fluorescent orange	
Reflective 36" X 36" Roll-up Signs	
Material/Description	
Hi-Intensity (Day or Night Visibility) – with or without ribs in white, fluorescent orange or fluorescent pink	
Diamond Grade (Day or Night Visibility) – with or without ribs in white or fluorescent orange	
Super Bright (Day or Night Visibility) – with or without ribs in white, fluorescent orange, pink or yellow	
Marathon (Day or Night Visibility) – with or without ribs in white, fluorescent orange, yellow-green or yellow	
Reflective 48" X 48" Roll-up Signs	
Material/Description	
Hi-Intensity (Day or Night Visibility)–with or without ribs in white, fluorescent orange or fluorescent pink	
Diamond Grade (Day or Night Visibility) – with or without ribs in white or fluorescent orange	
Super Bright (Day or Night Visibility) – with or without ribs in white, fluorescent orange, pink or yellow	
Marathon (Day or Night Visibility) – with or without ribs in white, fluorescent orange, yellow-green or yellow	

Non-Reflective Overlays	Reflective Overlays
Material–Various Sizes	Material–Various Sizes
Mesh Vinyl	Hi-Intensity Reflective
	Diamond Grade
Solid Vinyl	Super Bright
	Marathon

Paddles & Safety Vests

Paddles

Roll-up Stop/Slow Paddles		
Octagon Size	Material	Handle Type
18" or 24"	Non-Reflective Vinyl	5' or 6' Extension 2 pc., 6' or 7' Telescoping
18" or 24"	Reflective Super Bright	5' or 6' Extension 2 pc., 6' or 7' Telescoping
18" or 24"	Reflective Diamond Grade	5' or 6' Extension 2 pc., 6' or 7' Telescoping
18" or 24"	Reflective Marathon	5' or 6' Extension 2 pc., 6' or 7' Telescoping
18" or 24"	Reflective Hi-Viz	54" to 84" Telescoping



Rigid Stop/Slow Paddles	
Octagon Size	Material
18" or 24"	Engineering Grade Reflective Aluminum
18" or 24"	High Intensity Reflective Aluminum
18" or 24"	Diamond Grade Reflective Aluminum
18" or 24"	Non-Reflective Plastic
18" or 24"	Engineering Grade Reflective Plastic
18" or 24"	High Intensity Reflective Plastic
18" or 24"	Diamond Grade Reflective Plastic

Extension Handles for Rigid Paddles
One Piece Plastic for 6' Height
Two Piece Plastic for 6' Height
Telescopic Plastic for 6' and 7' Height
One Piece Plastic for 7' Height
Two Piece Plastic for 7' Height

Vests

Safety Vests	
Material	Description
Mesh Polyester	Available with many features, in lime green or orange or both, with 2" reflective silver stripes
Solid Polyester	Available with many features, in lime green or orange or both, with 2" reflective silver stripes



DSC00502

Flame & Arc-Resistant Safety Vest	
Material	Description
Mesh Modacrylic Fabric	Available with many features, in lime green or orange, with 2" reflective silver stripes



V31

General Purpose Vests	
Material	Description
Mesh Polyester	No features, with or without reflective stripes

Ladders

Extension Ladders

There are a variety of aluminum or fiberglass extension ladders available with adjustable lengths that include many safety features. Some available features include aluminum cast rail end caps for longer life and durability, D-shaped rungs for greater standing area and fully serrated for slip resistant surfaces, heavy-duty cast aluminum shoes with thick rubber tread and quicklatch equipped runglock, providing an easier method of securing fly and base sections when extended. Limited examples shown. Please call for more options.

Extension Ladders			
Catalog #	Retracted	Extended	Weight
FE3216*	8 ft	13 ft	30 lbs
FE3220**	10 ft	17 ft	42 lbs
FE3224**	12 ft	21 ft	52 lbs
FE3228**	14 ft	25 ft	58 lbs
FE3232**	16 ft	29 ft	70 lbs
FE3236	18 ft	32 ft	84 lbs
FE3240	20 ft	35 ft	92 lbs

*Does not include rope & pulley **Available with protop



Ladders, cont.

Step Ladders

There are a variety of non-conductive extra-heavy duty fiberglass step ladders capable of supporting up to 375 lbs, equipped with Da Boot for slip resistant footing, SHOX system and the ProTop curved front of top to provide leg comfort, and a convenient magnet to secure small steel parts. Limited examples shown. Please call for more options.

Step Ladders			
Catalog #	Size	Capacity	Weight
FS1502	2 ft	300 lbs	8 lbs
FS1506	6 ft	300 lbs	20 lbs
FS1508	8 ft	300 lbs	26 lbs
FS1512	12 ft	300 lbs	47 lbs
FS1104HD	4ft	375 lbs	19 lbs
FS1106HD	6ft	375 lbs	27 lbs
FS1108HD	8ft	375 lbs	36 lbs
FS1110HD	10ft	375 lbs	45 lbs
FS1112HD	12ft	375 lbs	56 lbs



6' Step Ladder

Ladder Accessories

Ladder Accessories	
Catalog #	Description
LM100	Laddermate™ bottom strap, provides stability at the bottom of the ladder
LM200	Laddermate™ top strap, provides stability at the top of the ladder



LM100



LM200

StreamLight™

Stinger Series

Compact and extremely powerful, the Stinger® LED HP and Stinger® DS® LED HP rechargeable flashlights offer 3 microprocessor controlled variable intensity modes, strobe mode, and the latest in power LED technology. The Stinger series flashlights have many features available such as, long-range, long-running, multifunction, wide peripheral circle, LED, full-feature tailswitch; in addition to the head-mounted push button switch. Stinger flashlights have an intense spot of light, are rechargeable, high-performance with durable non-conductive nylon polymer housing. The Polystinger LED HAZ-LO® flashlights are designed for use in hazardous locations, atmospheres and environments, including petro-chemical, utility and other heavy industrial applications. Many accessories are available such as safety wands, holsters, rechargeable batteries, charge cords and upgrade kits. Limited examples shown. Please call for more options.



Polystinger LED Haz-Lo



Stinger LED

Ultrastinger

Stinger Series Flashlights				
Model	Beam Distance	Candela	Lumens	Runtime
Stinger DS LED HP	209m to 438m	11,000 to 48,000	50 to 200	2h to 7h 15min
Stinger LED	134m to 261m	4,500 to 17,000	45 to 180	2h to 7h 15min
Stinger	210m	11,000	90	1h 15min
Ultrastinger	374m	35,000	230	1h
Polystinger LED Haz-Lo	151m to 245m	5,700 to 15,000	50 to 130	4h to 12h
Polystinger DS LED	155m to 310m	6,000 to 24,000	45 to 185	2h to 7h 15min



E-Spot Firebox



H.I.D. Litebox

Lantern Series

The Lantern Series lights are powerful, portable and rechargeable. There are many features available such as swivel-heads, E-Flood for flooding light over a large area and E-Spot for focused light for inspection or searching at a distance. Other features include long run-time, waterproof, floating, industrial-duty, lightweight, taillight LEDs, high intensity searchlights, extra long-range and halogen bi-pin bulbs Accessories include straps, rechargeable batteries, mounting racks, locking devices, charge cords and upgrade kits. Limited examples shown. Please call for more options.

Lantern Series Flashlights				
Model	Beam Distance	Candela	Lumens	Runtime
E-Flood Firebox	93m to 126m	2,150 to 4,000	330 to 615	8h to 18h
E-Spot Litebox	358m to 469m	32,000 to 55,000	330 to 540	7h to 15h
Fire Vulcan LED	Up to 566m	Up to 80,000	70 to 157	3h to 60h
H.I.D. Litebox	2,000m	1,000,000	3,350	1.75h



E-Flood Litebox

StreamLight™, cont.

Right Angle Series

The Survivor and Knucklehead Right Angle series flashlights are shock-proof, have an unbreakable polycarbonate and silicone anti-scratch lens that is O-ring sealed. The many features available include moonlight mode, rechargeable, non-rechargeable, 360° rotating head w/210° of articulation, integrated hook and removable magnet. Accessories include piggyback charger, battery packs and charge cords. Limited examples shown. Please call for more options.



Knucklehead

Survivor LED

Right Angle Series Lights				
Model	Beam Distance	Candela	Lumens	Runtime
Survivor LED	219m to 379m	12,000 to 36,000	47 to 140	3h 30min to 15h
Knucklehead Spot	115m to 210m	3,300 to 11,000	55 to 180	3h 30min to 16h

Stylus Series

The Stylus Series multi-task lights are compact with a durable construction. Features include unbreakable polycarbonate lens, water resistant, nylon holster. Other features include hands free use, long-running, LED interchangeable modules, momentary blink and a flexible cable. Accessories include magnet clip holder and LED modules. Limited examples shown. Please call for more options.



Stylus Pro

Stylus Series Lights				
Model	Beam Distance	Candela	Lumens	Runtime
Stylus Pro	17m to 64m	73 to 1,033	5 to 48	6h 15min to 11h
Stylus Reach	Up to 24m	Up to 140	Up to 11	24h

Headlamp Series

The Headlamp series headlights free you to use both hands for a task. Features include: lightweight, different lighting modes, ultra bright LEDs, water resistant or water proof, long lasting, visor clip and 90° tilting head. Each Headlamp comes with an elastic head strap and rubber hard hat strap for versatility. Limited examples shown. Please call for more options.



Argo



Septor

Headlamp Series Lights				
Model	Beam Distance	Candela	Lumens	Runtime
Enduro	22m to 57m	162 to 850	4 to 14.5	Up to 24h
Septor	20m to 47m	100 to 550	13 to 70	4h to 30h
Argo HP	36m to 74m	400 to 1,800	16 to 62	Up to 30h
Trident HP	24m to 100m	150 to 2,500	12 to 60	5h to 35h

Twin-Task Series

The Twin-Task lights are versatile, lightweight, long-running and water-resistant. Some available features are UV LEDs and different lighting modes. Each Twin-Task light comes with a wrist lanyard. Limited examples shown. Please call for more options.

Twin-Task Series Lights				
Model	Beam Distance	Candela	Lumens	Runtime
Twin-Task 3AA LED	43m to 96m	467 to 2,283	33 to 100	5h 43min to 34h
Twin-Task 3C LED	62m to 120m	980 to 3,550	80 to 180	26h to 48h
Twin-Task 3C-UV LED	116m	3,730	185	27h
Twin-Task 3AAA Laser LED	57m to 90m	800 to 2,000	68 to 100	2h 45min to 5h 15min
Twin-Task 1L LED	28m to 92m	200 to 2,117	20 to 96	2h 15min to 13h



Twin-Task 3AA

Other Available Lights

Other Available Lights	
Catalog #	Description
ASFL	Arc-rated attachable task light
7266	Rechargeable 9hr light, head swivels 270° horizontally, 180° vertically, halogen bulbs, lead-based batteries
7181	Rechargeable 4hr light, head swivels 270° horizontally, 180° vertically, halogen bulbs, lead-based batteries
7625	LED helmet light, four light modes
7001	M2 green hornet robo light, telescopic leg, corrosion resistant, metalized reflector, 3 hours to 6 hours runtime
7005	M1 green hornet robo light, quad-pod safety stand, telescopic legs, corrosion resistant, metalized reflector, 3 hours to 6 hours runtime
7646	Flagger light w/ quad-pod stand, six diode pattern, 500 lumens, telescoping, weatherproof



7005



ASFL



7181



GoLight

RadioRay Halogen or LED

The GoLight RadioRay is a remote control searchlight with three different remote options, 370° rotation with a 135° tilt, permanent and portable mounting options, U.V. ray and salt water resistant and a 3-year limited warranty. Accessories include dash mount hard wired remote, wireless hand-held remote, clear top housing, snap-on flood lens, permanent mount shoe, magnetic mount shoe, security dome and LED insert.

Light Specifications:

- 225,000 (Halogen) 200,000 (LED) Candela
- 3,113ft (Halogen) 2,933ft (LED) beam distance



Radio Ray Halogen



Radio Ray LED

Stryker Halogen, LED or H.I.D.

The GoLight Stryker is a remote control searchlight with three different remote options, 370° rotation with a 135° tilt, stainless steel mounting plate, integrated 12V DC high-torque motor, quick start up time for the H.I.D. model, U.V. ray and salt water resistant and a 5-year limited warranty, 1-year ballast warranty (H.I.D.). Accessories include hand-held wireless remote, dash mount wireless remote, hard wired dash mount remote, magnetic base and LED insert (halogen model).

Light Specifications:

- 200,000 (Halogen) 320,000 (LED) 550,000 (H.I.D.) Candela
- 2,933ft (Halogen) 3,711ft (LED) 4,865ft (H.I.D.) beam distance



Stryker Halogen



Stryker LED



Stryker H.I.D.

Miscellaneous Safety

Flame-Resistant Clothing

Texas Meter & Device supplies Fire Retardant (FR) clothing to Electric Utilities throughout the United States for all of their safety needs. Jeans, denim long sleeve shirts and bib overalls are just a few items TMD can provide. Please call 800-247-5116 for specific needs, sizing and pricing.



First Aid Kits

In case of an accident, proper first aid must be available. TMD supplies a variety of first aid kits for all sorts of needs because first aid doesn't just have to be due to an accident. There are preventative actions; such as, electrolyte replenishment, cooling items, insect repellent and protection from outdoor irritants. Please call 800-247-5116 for more information.



Protective Eye Wear

Protective eye wear, according to OSHA, can prevent the majority of the 1,000 a day eye injuries that occur in the U.S. There are many types of safety glasses for all types of work environments. TMD offers a wide variety of protective eye wear. Please call 800-247-5116 to find the right protection for your work environment.



Miscellaneous Safety, cont.

Work Gloves

Many jobs require the use of work gloves to protect your hands while working. TMD offers many types of gloves; such as, driver work gloves, line-men work gloves and general purpose utility work gloves. Different gloves have different features such as cut-resistant, flexibility and good dexterity and breathability. Please call 800-247-5116 to find the right style for your needs.



Hard Hats

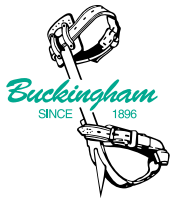
Hard hats protect the head from injury by falling objects, impact with other objects, electric shock and debris. TMD can offer an array of hard hats for any job and they are OSHA approved. Please call 800-247-5116 to get the hard hat that suits your needs.



Miscellaneous Protection

TMD offers many other types of safety goods; such as, rain gear, ear protection and sun visors. To find out what else TMD stocks, please contact us at 800-247-5116. We can provide you with items, sizing and pricing.





Bucket Harnesses

Buckingham offers many standard designs of full body harnesses used in fall protection, suspension, retrieval and rappelling applications. The standard designs for Basic Harnesses are available in both "H" and "X" styles.

Harness Sizing Chart

Chest Size

HEIGHT	34-36	38-40	42-44	46-48	50-54	56-60
5'4" – 5'7"	S	S	M	L	X	XX
5'8" – 5'11"	S	M	L	X	XX	XXX
6'0" – 6'3"	M	M	L	X	XX	XXX
6'3" +	L	L	X	X	XX	XXX

See [Harness Matrix](#) on next page for ordering instructions.



603B3700 • X-Style

"X" style full-body harness that features a web loop **or** steel dee dorsal attachment, interlocking torso and leg strap buckles with leather chafes.



6383700 • H-Style

"H" style full-body harness that features a web loop **or** steel dee dorsal attachment, interlocking torso and leg strap buckles with leather chafes. No vertical adjustment because the harness has no metal above the waist.



603S8C700V9 • X-Style

Full body Buckfit FR harness that features Drilex® shell, shoulder and leg pads, quick connect buckles on leg straps and at the torso for adjustment, web loop **or** steel dee dorsal attachment, reinforced web front loop.








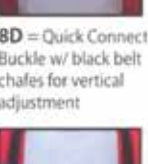



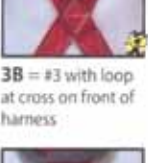

























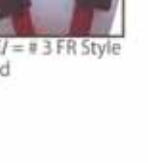


68D7G8C600V9 • H-Style

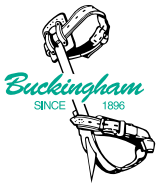
Full body Buckfit FR harness that features Drilex® mesh shell, shoulder and leg pads, quick connect buckles on leg straps and at the torso for adjustment, web loop **or** steel dee dorsal attachment, reinforced web front loop, spring-loaded friction buckles for height adjustment.

Bucket Harnesses, cont.

Harness Matrix

To order a harness to meet your specific needs, use the following procedure: simply insert the digit noted to configure the harness you desire **(Note: harness always starts with a '6')**.

	6	CHEST STRAP ATTACHMENT	HARNESSTYPE	LEG STRAP ATTACHMENT	FALL ARREST ATTACHMENT	BODY BELT ATTACHMENT	SHOULDER PADS	
<p>If prefix 'U' inserted universal fit. Only available with harness with upper body adjustment buckles.</p>	X	<p>0 = Used only with harness type 3</p>  <p>3 = Hook and Loop Chest Strap</p>  <p>4 = Interlocking Buckle</p>  <p>4B = Interlocking Buckle black powder coated</p>  <p>8C = Quick Connect Buckle w/ hook and loop for vertical adjustments</p>  <p>8D = Quick Connect Buckle w/ black belt chafes for vertical adjustment</p>  <p>8E = Quick Connect Buckle w/ dee ring</p> 	<p>3 = Cross-over design w/ perm. attach. chest strap located 3 3/4" above front 'X'. APPLICABLE ONLY TO CHEST STRAP ATTACHMENT 0</p>  <p>3B = #3 with loop at cross on front of harness</p>  <p>3D = #3 without chest strap, with 1 3/4" nylon attach. pieces stitched across back shoulder straps directly below the chafe in back</p>  <p>3E = #3D with loop at cross on front of harness</p> 	<p>3S = #3B w/ quick connect buckles</p>  <p>7G = Spring loaded friction buckle on vertical shoulder strap</p>  <p>8 = Basic Harness no shoulder strap adjustment</p>  <p>9 = Basic harness with shoulder strap adjustment</p>  <p>9A = Basic harness. #9 with black coated shoulder strap hardware</p> 	<p>1 = Step-in leg straps - no buckles</p>  <p>3 = Interlocking Buckle</p>  <p>3A = Interlocking Buckle (black powder coated)</p>  <p>4 = Grommets</p>  <p>8C = Quick Connect Buckle</p> 	<p>5 = Permanently attached</p>  <p>5Q = Shock Absorber permanently attached</p>  <p>6 = Dee Ring (1069)</p>  <p>7 = Web loop</p>  <p>9 = Small shoulder dee ring</p> 	<p>0 = None</p>  <p>1 = Outside Mount 1" Plastic Buckles</p>  <p>4 = Body belt attached through means of loops attached to harness</p>  <p>4C = Straps with Interlock buckles to connect Buck Ergo Harness. Buck Ergo Only</p>  <p>4Q = Body Belt Permanently attached</p> 	<p>0 = None</p>  <p>1 = Permanent</p>  <p>2 = Replaceable</p>  <p>3 = Replaceable w/ 1" 4-ply nylon loop for snaphook and hook and loop to hold lanyard on shoulder (6JLV)</p>  <p>4 = Light Weight Permanent</p>  <p>8E/ = # 3 FR Style Pad</p> 
					 <p>Indicates meets ASTM F887 Electric Arc Performance Requirements.</p>			
					<p>*Harnesses configured from the matrix are non-returnable.</p>			
					<p>**8C=Quick Connect Buckle</p>			



Lanyards

Shock-Absorbing Lanyards		
Catalog #	Description	Length
8VV114+Z	Steel ring attachment, nylon exterior, stretchy internal material, reduces the arresting force to less than 900 lbs	4'
8VV114.5+Z		4.5'
8VV116+Z		6'
84V114+Z	Web loop attachment, nylon exterior, stretchy internal material, reduces the arresting force to less than 900 lbs	4'
84V114.5+Z		4.5'
84V116+Z		6'
8VV714+Z	Steel ring attachment, nylon exterior with elastic Bungee, reducing trip hazards while climbing in and out of buckets	4'
8VV714.5+Z		4.5'
8VV716+Z		6'
84V714+Z	Web loop attachment, nylon exterior with elastic Bungee, reducing trip hazards while climbing in and out of buckets	4'
84V714.5+Z		4.5'
84V716+Z		6'
6VV114+Z	Steel ring attachment, 16" shock pack covered by water-resistant nylon tube	4'
6VV114.5+Z		4.5'
6VV116+Z		6'
6VV126+Z	Steel ring attachment, 16" shock pack covered by water resistant nylon tube, adjustable	6'
64V114+Z	Web loop attachment, 16" shock pack covered by water-resistant nylon tube	4'
64V114.5+Z		4.5'
64V116+Z		6'
64V126+Z	Web loop attachment, 16" shock pack covered by water-resistant nylon tube, adjustable	6'
5VV114+Z	Steel ring attachment, 6" shock pack covered by clear shrink tube	4'
5VV114.5+Z		4.5'
5VV116+Z		6'
5VV126+Z	Steel ring attachment, 6" shock pack covered by clear shrink tube, adjustable	6'
54V114+Z	Web loop attachment, 6" shock pack covered by clear shrink tube	4'
54V114.5+Z		4.5'
54V116+Z		6'
54V126+Z	Web loop attachment, 6" shock pack covered by clear shrink tube, adjustable	6'

The +Z suffix indicates all hardware has 3,600 lb. gate and meets ANSI Z359.12-2009.



84V116



8VV714



6VV124



5VV114



Pole Line Equipment

In this section:

- Blocks
- Tamps
- Ground Rod Drivers
- Framing Equipment
- Hand Tools



RAUCKMAN™
Utility Products



LOWELL
CORPORATION



Auger Bits

Solid Foam Core Fiberglass Black Widow Bits 7/16" Shank			Wood Black Widow Bits 7/16" Shank			Fireball Double-Spurred Wood Bits 7/16" Shank		
Cat. #	Bit Dia.	Length	Cat. #	Bit Dia.	Length	Cat. #	Bit Dia.	Length
2688	1-2"	12"	2525	9/16"	18"	VH70809	9/16"	12"
2678	9/16"	12"	2523	11/16"	18"	VH70811	11/16"	12"
2686	11/16"	12"	2524	13/16"	18"	VH7813	13/16"	12"
2684	11/16"	18"	2526	15/16"	18"	2643	9/16"	18"
2682	13/16"	12"	2516	1"	18"	2644	11/16"	18"
2680	13/16"	18"	2542	1-1/16"	18"	2646	13/16"	18"
Hollow Core Fiberglass Bits 7/16" Shank 18" Length			2533	1-1/8"	18"	VH71809	9/16"	24"
			2527	11/16"	24"	2645	11/16"	24"
Hollow Core Fiberglass Bits 7/16" Shank 24" Length			2528	13/16"	24"	2647	13/16"	24"
			2543	7/8"	24"	Hollow Core Fiberglass Bits 7/16" Shank 24" Length		
Cat. #	Bit Dia.	Length	Cat. #	Bit Dia.	Length			
2878	9/16"	18"	2529	15/16"	24"	2876	9/16"	24"
2888	11/16"	18"	2532	1"	24"	2886	11/16"	24"
2884	13/16"	18"	2531	1-1/16"	24"	2880	13/16"	24"
2896	15/16"	18"	2534	1-1/8"	24"	----	----	----
2892	1"	18"	2536	1-1/4"	24"	----	----	----
----	----	----	2537	1-3/8"	24"	----	----	----



Black Widow



Fireball

Nail Eater Extreme Auger Bits 5/16" Shank			Nail Eater Extreme Auger Bits 7/16" Shank			Nail Eater Replaceable Tip Auger Bits 7/16" Shank		
Cat. #	Bit Dia.	Length	Cat. #	Bit Dia.	Length	Cat. #	Bit Dia.	Length
61PTS-5/8	5/8"	7-5/8"	62PTS-5/8	5/8"	7-5/8"	66RT-7/8	7/8"	18"
61PTS-3/4	3/4"	7-5/8"	62PTS-11/16	11/16"	7-5/8"	66RT-1	1"	18"
61PTS-7/8	7/8"	7-5/8"	62PTS-3/4	3/4"	7-5/8"	63RT-7/8	7/8"	8-5/8"
61PTS-1	1"	7-5/8"	62PTS-13/16	13/16"	7-5/8"	63RT-1	1"	8-5/8"
61PTS-1-1/8	1-1/8"	7-5/8"	62PTS-7/8	7/8"	7-5/8"	----	----	----
61PTS-1-1/4	1-1/8"	7-5/8"	62PTS-1	1"	7-5/8"	----	----	----
66PTS-1/2	1/2"	18"	62PTS-1-1/8	1-1/8"	7-5/8"	----	----	----
----	----	----	62PTS-1-1/4	1-1/4"	7-5/8"	Long Auger Wood Bits 7/16" Shank		
Nail Eater Extreme Black Utility Auger Bits 7/16" Shank			66PT-5/8	5/8"	18"	Cat. #	Bit Dia.	Length
			66PT-11/16	11/16"	18"	71PT-11/16	11/16"	30"
Cat. #	Bit Dia.	Length	66PT-3/4	3/4"	18"	70PT-13/16	13/16"	24"
66TF-9/16	9/16"	18"	66PT-13/16	13/16"	18"	70PT-11/16	11/16"	24"
66TF-11/16	11/16"	18"	66PT-7/8	7/8"	18"	71PT-13/16	13/16"	30"
66TF-13/16	13/16"	18"	66PT-15/16	15/16"	18"	70PT-15/16	15/16"	24"
66TF-15/16	15/16"	18"	66PT-1	1"	18"	71PT-15/16	15/16"	30"
----	----	----	66PT-1-1/8	1-1/8"	18"	----	----	----
----	----	----	66PT-1-1/4	1-1/4"	18"	----	----	----



66RT



66PT

Auger Bits, cont.

Combo & Power Augers 7/16" 24" Length		Deep Cut Ship Augers 7/16" Shank 18" Length		Ultra Smooth Ship Augers 7/16" Shank 7-1/2" Length		Nail Chipper Ship Augers 7/16" Shank 8" Length	
Cat. #	Bit Dia.	Cat. #	Bit Dia.	Cat. #	Bit Dia.	Cat. #	Bit Dia.
06101	1/4"	08803	3/8"	09703	3/8"	03803	3/8"
06102	5/16"	08804	7/16"	09704	7/16"	03804	7/16"
06103	3/8"	08805	1/2"	09705	1/2"	03805	1/2"
06104	7/16"	08806	9/16"	09706	9/16"	03806	9/16"
06105	1/2"	08807	5/8"	09707	5/8"	03807	5/8"
06106	9/16"	08808	11/16"	09708	11/16"	03808	11/16"
06107	5/8"	08809	3/4"	09709	3/4"	03809	3/4"
06108	11/16"	08810	13/16"	09710	13/16"	03810	13/16"
06109	3/4"	08811	7/8"	09711	7/8"	03811	7/8"
06110	13/16"	08812	15/16"	09712	15/16"	03812	15/16"
06111	7/8"	08813	1"	09713	1"	03813	1"
06112	15/16"	08814	1-1/16"	09715	1-1/8"	03814	1-1/16"
06113	1"	08815	1-1/8"	09717	1-1/4"	03815	1-1/8"
06114	1 1/8"	08817	1-1/4"	09718	1-3/8"	03817	1-1/4"
06115	1-1/4"	08818	1-3/8"	09719	1-1/2"	03818	1-3/8"
06116	1 3/8"	08819	1-1/2"	----	----	03819	1-1/2"
06117	1-1/2"	----	----	----	----	----	----



Deep Cut Auger

Stubby Auger Wood Bits 1/4" Hex Quick Change • 4-1/2" Length		
Cat. #	Hole Dia.	Weight
60A-5/8	5/8"	.3 lbs
60A-3/4	3/4"	.3 lbs
60A-7/8	7/8"	.3 lbs
60A-1	1"	.4 lbs



60A-7/8



Nail Chipper

Hydraulic Utility Pole Puller

TiiGER Pole Puller

TiiGER Hydraulic Pole Puller Specifications

Operating Pressure	Max. Lift	Chain	Weight (Set-Up w/o Pad)
2,800 psi	50,120 lbs	6-1/2' Alloy	140 lbs

TiiGER Hydraulic Pole Puller

Cat. #	Description
4001D	Hydraulic cylinder, base plate, back plate, swivel chain hook assembly, 6 ft chain
HA0040	Pole puller pad
4040B	Back plate



Greenlee Pole Puller

Greenlee Pole Puller Specifications

Operating Pressure	Max. Lift	Chain	Weight (Set-Up w/o Pad)
2,800 psi	56,000 lbs	6'5/8" Alloy	178 lbs

Greenlee Pole Puller

Catalog #	Description
H4910A	Hydraulic cylinder, base plate and 6 ft chain
F020196K	HTMA female coupler – 1/2" NPTF internal thread
F020197K	HTMA male couple – 1/2" NPTF internal thread
111185	Hose assembly -25 ft
49913	Control valve – open center



Line Wise Pole Puller

Line Wise Pole Puller Specifications

Model	Operating Pressure	Max. Lift	Chain	Weight (Set-Up w/o Pad)
PP-30-HD	2,500 psi	60,000 lbs	(2) 1/2" Grade 100	700 lbs
PP-60-HXD	2,250 psi	125,000 lbs	(2) 3/4" Grade 100	1,500 lbs

Line Wise Pole Puller

Catalog #	Description
PP-30-HD	Max pole size of 18" diameter, head has beveled teeth for a better grip, exterior is 32" X 32" and interior is 20" X 26"
PP-60-XHD	Max pole size of 26" diameter, head has beveled teeth for a better grip, exterior is 46" X 46" and interior is 28" X 28"





Pole Tamper

Hydraulic Pole Tamperers make quick work of setting poles, patching asphalt and overall general construction of backfill compacting. Reversible on/off valves (hose end models). Standard features include kidney-shaped foot and rotate trigger spool (valve on tube models). Manual tamperers are used to compact loose soil, stone and sand. Often used to prepare foundation beds for drives, walks and patios. These tamperers have a solid cast iron head, braced corners and contoured hardwood or premium Structron® fiberglass handles.

Hydraulic Pole Tamper Specifications						
Width	Flow Range	Operating Pressure	Pressure Port Thread	Return Port Thread	Standard Foot Size	Blows per min.
4"	4 – 6 gpm	1,000 –2,000 psi	9/16" – 18 SAE O-Ring	3/4" - 16 SAE O-Ring	2-1/2 x 8" kidney-shaped	1,160 at 5 gpm

Tampers		
Catalog #	Description	Weight
H4802	60" hydraulic, hose end valve	23 lbs
H4802-1	85" hydraulic, hose end valve	28 lbs
43227	85" hydraulic, hose end valve, on/off valve not included	28 lbs
H4802-6	60" hydraulic, hose end valve, on/off valve not included	23 lbs
H4802-3	72" hydraulic, valve on tube	23 lbs
H4802-5	60" hydraulic, valve on tube	23 lbs
48383	72" hydraulic, valve on tube, rectangular foot	23 lbs
REL-TMP-72	72" hydraulic, valve on tube	22 lbs
REL-TMP-60V	60" hydraulic, hose end valve	20 lbs
REL-TMP-60	60" hydraulic, no valve	20 lbs
TP-30	44" manual, hardwood handle, 8" x 8" head	11.65 lbs
TP-32	44" manual, hardwood handle, 10" x 10" head	15.95 lbs
TP-8FG	44" manual, fiberglass handle, 8" x 8" head	11.75 lbs



Ground Rod Drivers

Ground Rod Drivers		
Cat. #	Description	Weight
HRD-58	5/8" opening, 5-8 gpm flow range, 2,000 psi input pressure ground rod driver	45-53 lbs
HRD-1	1" opening, 5-8 gpm flow range, 2,000 psi input pressure ground rod driver	45-53 lbs
5043	Hydraulic ground rod driver	---
6160	Manual ground rod driver, fits over 5/8" ground rod, OAL 6'	36 lbs





Handline Blocks

Eagle Line Blocks

Eagle Line Handline Blocks			
Catalog #	Description	Hook Type	Weight
HLB-1000	1,000 LB wll, safety orange	Latch hook	1-1/2 to 2 lbs
HLB-1000HS	fiberglass-reinforced, open body,	Eye for hot stick use	
HLB-1000NH	3" sheave, 5/8" rope capacity,	No hook	
HLB-1000MH	pull pin w/detent ball, swivel eye	Meat hook	

Eagle Line Complete Handlines	
Catalog #	Description
HL-60T	HLB-1000 block w/ 60' 1/2" polypropylene twisted rope, snap hook and handline hook
HL-80T	HLB-1000 block w/ 80' 1/2" polypropylene twisted rope, snap hook and handline hook
HL-100T	HLB-1000 block w/ 100' 1/2" polypropylene twisted rope, snap hook and handline hook
HL-60B	HLB-1000 block w/ 60' 1/2" single braid rope, snap hook and handline hook
HL-80B	HLB-1000 block w/ 80' 1/2" single braid rope, snap hook and handline hook
HL-100B	HLB-1000 block w/ 100' 1/2" single braid rope, snap hook and handline hook



HLB-1000NH



HLB-1000

Hastings Handline Blocks

Initech Load Break Tools		
Catalog #	Description	Weight
3550	Side opening block w/swivel hook and safety snap	1.8 lbs
3551	Closed block w/swivel hook and safety snap	1.8 lbs
3553	Side opening w/swivel eye only	1.3 lbs
3554	Closed block w/swivel eye only	1.3 lbs
3550-1	Side opening w/swivel meat hook	1.8 lbs
3551-1	Closed block w/swivel meat hook	1.8 lbs

Hastings Complete Handlines		
Catalog #	Description	Weight
3555	3550 block, 60' 1/2" polypropylene rope, handline hook and snap	5.0 lbs
3556	3550 block, 80' 1/2" polypropylene rope, handline hook and snap	5.5 lbs
3557	3550 block, 100' 1/2" polypropylene rope, handline hook and snap	6.0 lbs
3558-1	3551 block, 60' 1/2" polypropylene rope, handline hook and snap	4.5 lbs
3559-1	3551 block, 80' 1/2" polypropylene rope, handline hook and snap	5.0 lbs
3560-1	3551 block, 100' 1/2" polypropylene rope, handline hook and snap	5.5 lbs



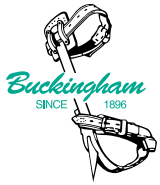
3550



3554



3555



Handline Blocks, cont.

Buckingham Handline Blocks

Buckingham Handline Blocks	
Catalog #	Description
50061	OX Block™ snatch block only w/ 1 or 2 carabiner, 2500 lb wll max,
50061B	5/8" rope capacity, swivel eye and push button to open
50061A-4	OX Block™ with an attached 4' x 5/8" adj. sling and a steel carabiner
50061A-7	OX Block™ with an attached 7' x 5/8" adj. sling and a steel carabiner



50061

Buckingham Complete Handlines	
Catalog #	Description
50061A-4/80	OX Block™ with an attached 4' x 5/8" adj. sling, a steel carabiner and an 80' x 1/2" handline assembly
50061A-4/100	OX Block™ with an attached 4' x 5/8" adj. sling, a steel carabiner and an 100' x 1/2" handline assembly
50061A-7/80	OX Block™ with an attached 7' x 5/8" adj. sling, a steel carabiner and an 80' x 1/2" handline assembly
50061A-7/100	OX Block™ with an attached 7' x 5/8" adj. sling, a steel carabiner and an 100' x 1/2" handline assembly



50016A-4/80

Buckingham OX Block Accessories	
Catalog #	Description
5007R1	Single sheave pulley with swivel eye and 1/2" rope capacity, wll 1800 lbs
5007R2	Double sheave pulley with swivel eye and 1/2" rope capacity, wll 1800 lbs
5005S3	Steel triple action carabiner, MBS 11,240 lbs
39078TAG1-4	4' x 5/8" adjustable sling wll: straight 3200 lbs, choker 2560 lbs, 6400 lbs
39078TAG1-7	7' x 5/8" adjustable sling wll: straight 3200 lbs, choker 2560 lbs, 6400 lbs



5005S3



5007R2



Ratcheting Box Wrenches

Ratcheting Box Wrenches	
Catalog #	Description
RBW-38TD	Ratcheting 3/8" - 16 tap and die for chasing threads on loadbreak elbow probes and connectors, thick-walled plastic handle
RBW-12TD	Ratcheting 1/2" - 13 bottoming tap and die for chasing threads, thick-walled plastic handle
RBW-58TD	Ratcheting 5/8" - 11 bottoming tap and die for chasing threads on 600A connectors, thick-walled plastic handle
PHW-1	Standard penta socket on one end and a 3/4" hex on the other, captive folding cross-rod, stainless steel tube
PHS-1	Stainless steel penta socket welded to 3/4" hex socket, 3/8" sq. drive in the center
PHS-2	Stainless steel penta socket welded to 3/4" hex socket, 1/2" sq. drive in the center
PW-2	Fixed penta security wrench, thick-walled plastic handle, standard penta socket
RBW-RP	Ratcheting penta security wrench, thick-walled plastic handle, standard penta socket
OHW	Ratcheting box wrench for overhead apps., 3/4", 1", 1-1/8" sq. sockets on one end w/two sided 12 pt. 3/4" and 9/16" ratcheting box wrench on the other end
OHW-D	Ratcheting box wrench for overhead apps., 3/4", 1", 1-1/8" sq. knuckle saver sockets on one end w/two sided 12 pt. 3/4" and 9/16" ratcheting box wrench on the other end
RBW	Varying sizes ranging from 5/16" to 15/16" dogbone style ratcheting box wrench w/plastic handle and center isolation hole, choice of 2 sizes for one wrench
RBW-O	Varying sizes ranging from 1/2" to 7/8" offset dogbone style ratcheting box wrench w/plastic handle and center isolation hole, choice of 2 sizes for one wrench
RBW-1	5/16" hex shaft extended 1-1/2" on one side, plastic handle, other shaft lengths available
RBW-2	5/16" hex shaft extended 1-1/2" on each side, plastic handle
RBW-3	5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long, plastic handle
RBW-38H	3/8" hex shaft extended 1-1/2" on one side, plastic handle, other shaft lengths available
RBW-1P	5/16" hex shaft extended 1-1/2" on one side, penta on handle, rated 1000V, plastic handle w/isolation hole
RBW-2P	5/16" hex shaft extended, 1-1/2" on each side, penta on handle, rated 1000V, plastic handle w/isolation hole
RBW-3P	5/16" hex shaft on one side, 3/8" hex shaft on the other side, both 1-1/2" long, rated 1000V, plastic handle w/isolation hole
RBW-34SRP	3/4" standard or deep sockets w/penta socket (opposed), plastic handle w/isolation hole
RBW-91634WE-S	9/16" x 3/4" standard sockets (opposed) w/handle loop, plastic handle w/isolation hole
RBW-91634WE-L	9/16" x 3/4" long sockets (opposed) w/handle loop, plastic handle w/isolation hole
RBW-516RP	5/16" hex shaft extended 1-1/2" on one end, ratcheting penta on other end, plastic handle w/isolation hole, rated 1000V
RBW-51638RP	5/16" hex shaft on one end, 3/8" hex shaft on the other end, both 1-1/2" long, ratcheting penta opposite 3/8" hex shaft, plastic handle w/isolation hole, rated 1000V
RBW51638SRP	5/16" hex shaft and a 3/8" socket (opposed on one end) w/ratcheting penta on other end, plastic handle w/isolation hole, rated 1000V
RBW-38SQ	Ratcheting 3/8" sq. drive w/opposing hex bit or socket (specify size and type) plastic handle
RBW-12SQ	Ratcheting 1/2" sq. drive w/opposing hex bit or socket (specify size and type), plastic handle
RBW-TK	RBW available w/torque limiter to provide an isolated torqueing hex bit or socket (specify torque valve and hex or socket size), plastic handle, fixed torque values 100-140 in-lb.



RBW-51638D



RBW-91634



RBW-12916



RBW-38H



RBW-38TD



RBW-RP

Ratcheting Box Wrenches, cont.

Ratcheting Box Wrenches	
Catalog #	Description
BW-244	1/2" & 9/16" x 5/8" & 3/4" reversible ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-223	9/16" x 3/4" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-223HD	3/4" x 9/16" heavy-duty ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-251	90° Penta reversible ratchet x 5/16" HD reversible allen ratchet, 1000V rated fiberglass reinforced nylon handle
BW-044	1/2" & 9/16" x 5/8" & 3/4" reversible ratchet, (12 PT) without insulating handle
BW-99	T handle all metal penta wrench
BW-2212	1/2" ratchet (one end) & 9/16" ratchet (other end), 1000V rated fiberglass reinforced nylon handle
BW-241S3GP	3/8" reversible allen ratchet (one end), eye loop (other end), 1000V rated fiberglass reinforced nylon handle
BW-203HD	9/16" HD ratchet (one end), 3/4" HD ratchet (other end), without insulating handle
BW-2241S	15/16" x 3/4" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-221	3/8" x 9/16" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2234	1/2" x 5/8" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2243	13/16" x 16/15" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-241P1	5/16" HD reversible allen ratchet (12 PT) x Penta socket with 1000V rated fiberglass reinforced nylon handle
BW-224	3/4" x 7/8" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-203	9/16" x 3/4" ratchet, (12 PT) without insulating handle
BW-251112	Ratcheting penta w/3/8" hex socket x 5/16" reversible ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2210	3/8" x 7/16" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2237	5/8" x 3/4" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2242	11/16" x 15/16" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-241S21	5/16" reversing allen ratchet (1" working length)
BW-2093	5/16" allen ratchet x eye loop with 1000V rated fiberglass reinforced nylon handle
BW-240	5/16" x 3/8" reversing allen ratchet with 1000V rated fiberglass reinforced nylon handle
BW-241S	5/16" reversible allen ratchet x eye loop with 1000V rated fiberglass reinforced nylon handle
BW-2235	5/8" x 11/16" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2091P	Penta socket x eye loop with 1000V rated fiberglass reinforced nylon handle
BW-223F	9/16" x 3/4" offset reversible ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2245	7/8" x 15/16" ratchet, (12 PT) with 1000V rated fiberglass reinforced nylon handle
BW-2093P	5/16" allen ratchet x Penta socket with 1000V rated fiberglass reinforced nylon handle
BW-2239-2	3/4" ratchet (12 PT) x 5/16" HD reversible allen ratchet with 1000V rated fiberglass reinforced nylon handle



BW-2239



4 in 1 BW-244



BW-22HD



BW-251

Hand Tools



Side-Cutting Pliers

Available with different options
OAL lengths of 8-1/2" to 9-3/8"



Hammers

Many types available for
all types of needs



Adjustable Wrenches

Many types available for
all types of needs



Phillips Screwdrivers

Available in sizes: #1, #2 & #3
Lengths of 3", 4", 6" & 10"



Slotted Screwdrivers

Available with square or round shank
In sizes 3/16" to 3/8" lengths of 4" to 10"



Nut Drivers

Available in SAE and Metric sizes
Sizes from 3/16" to 1/2" and 5mm-13mm
Lengths of 3" to 6"



Long Nose Pliers

Available with different options
OAL lengths of 6-5/8" to 8-9/16"



Channel Lock Pliers

Jaw capacities of 2" to 4-1/4"
OAL lengths of 10" to 16"

Hand Tools, cont.



Quick Release Locking Pliers

Locking jaws available in many sizes
OAL lengths of 5" to 9-1/2"



Retaining/Snap Ring Pliers

Available as internal & external (or both)
OAL lengths of 5-1/2" to 16"



Wire stripper/cutter/crimper

Available to cut and/or crimp many wire sizes
OAL lengths of 5-1/2" to 9-1/2"



Ratcheting Combination Wrenches

Many types and sizes available
individually or in sets



Hex Key

Available in T-handle, long-arm and fold-up
Available individually or in sets



Combination Wrenches

Many types and sizes available
Available individually or in sets



Hand Ratchets

Available in many styles

Hand Tools, cont.



Sockets

Available in many sizes and lengths
in both SAE and Metric



Deep Sockets

Available in many sizes and lengths
in both SAE and Metric



Socket Sets

Many varieties available
in both SAE and Metric



Levels

Available in many styles



Impact Adapters

Available in several lengths



Measuring Tape

Available in many lengths

Hand Tools, cont.

Linemen's Socket Wrenches

Lowell's linemen's socket wrenches are designed to meet the specific needs of high line utility linemen. They are fluorescent orange, cast iron sockets which make the wrench harder to lose. Fitting most common utility pole fasteners and a bolt-thru feature allowing bolts and threaded rods to pass completely through the socket head, these sockets wrenches make a great tool for all linemen.

Lineman's Socket Wrenches		
Catalog #	Socket Openings	Weight
101T	3/4", 1", 1-1/8" Sq	1-1/2 lbs
101T-Dual End	5/8", 3/4", 1", 1-1/8" Sq; 9/16", 3/4" H	1-3/4 lbs
103T-Dual End	5/8", 3/4", 1", 1-1/8" Sq; 9/16", 3/4" H	2 lbs
150 Double Sq	1", 1/8" Sq	2 lbs
150T	3/4", 1", 1-1/8" Sq	2 lbs
151 Double Sq	1, 1/8" Sq	2-1/2 lbs
151T	3/4", 1", 1-1/8" Sq	2-1/4 lbs
152	1-5/16", 1-7/16" Sq; 1-1/2" H	3-3/4 lbs
50 Double Sq	1", 1/8" Sq	2 lbs
50T	3/4", 1", 1-1/8" Sq	2 lbs
51 Double Sq	1", 1/8" Sq	2-1/8 lbs
51T	3/4", 1", 1-1/8" Sq	2-1/8 lbs
52	1-5/16", 7/16" Sq; 1-1/2" H	4-1/8 lbs
53	1-5/16", 1-7/16" Sq; 1-1/2" H	5 lbs



50T



150T

Penta™ Wrenches

MADI linemen's Penta socket wrenches are designed for opening all transformers and switch gears. The Tri-Penta™ wrench has a 3/8" screwdriver for opening the primary door on 3 phase transformers and a built-in design for lifting hand hole lids. The Penta Driver™ includes a removable drill adapter and both the Tri-Penta & Penta Driver have a Speed Sleeve™ that enable it to spin freely to open transformers and switch gears faster.



Tri-Penta



Penta Driver

Insulated Hand Tools

We offer a variety of insulated hand tool kits and individual insulated hand tools for all electricians' needs.



Insulated Hand Tool Kits
Available in many combinations



Insulated Long Arm Hex Wrench
Available in both SAE & Metric sizes
SAE sizes from 1/16" to 2"
Metric sizes from 1.5mm to 36mm



Insulated "T" Handle Hex Wrench
Available in both SAE & Metric sizes
SAE sizes from 5/64" to 9/16"
Metric sizes from 2mm to 12mm
Length of 6"



Insulated Box End 12 PT Wrench
Available in both SAE & Metric sizes
SAE sizes from 1/4" to 2"
Metric sizes from 6mm to 36mm



Insulated Open End Wrench
Available in both SAE & Metric sizes
SAE sizes from 1/4" to 2"
Metric sizes from 6mm to 36mm



Insulated Nutdriver
Available in both SAE & Metric sizes
SAE sizes from 3/16" to 5/8"
Metric sizes from 5mm to 16mm
Length of 3" and 6"



Insulated Phillips Screwdriver
Available in sizes #0 to #4
Lengths of 2" to 8"



Insulated Slotted Screwdriver
Available in sizes 1/8" to 3/8"
Lengths of 2" to 12"



Insulated Pliers
Available in many types & sizes



Insulated Ratcheting Box End 6PT Wrench
Available in Metric sizes from 6mm to 14mm



Insulated Ratcheting Box End 12PT Wrench
Available in both SAE & Metric sizes
SAE sizes from 1/4" to 2-1/8"
Metric sizes from 15mm to 36mm



Insulated Adjustable Wrench
Available in sizes from 4" to 24"
Jaw openings from 1/2" to 2-7/16"

Miscellaneous Pole Line Equipment

Specialty Tarps

These specialty tarps are used to hold and move dirt during pole change out to minimize the effect on landscaping and allowing for faster and safer change outs. The TWISTARP™ has a rated capacity of 4,000 lbs to 5,000 lbs in sizes of 7' x 7' up to 10' x 10' and the ESTEX has a working load of 2,970 lbs in size 8' x 8'. The 2864-DS pole tarp with a 30" diameter hole and 10' outside diameter reduces manual labor clean up and saves the landscape by keeping the area neat and clean.



2864-8DTR



8X8 Twistarp

Pole Framing Stand & Outrigger Pad

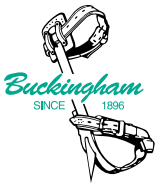
The pole framing stand is designed to be around the proper working heights needed when drilling and framing poles. These stands are made of an aluminum structure, so there is no rust or material weakness. The outrigger pad is designed with multiple directional anti-slip surfaces and tested to over 60,000 lbs. The outrigger pads have a stainless steel wire rope handle that is bolted to the pad, but out of the way of the outrigger foot.



Pole Framing Stand



Outrigger Pad



Miscellaneous Pole Line Equipment, cont.

STOCK-ade Staple Gun

The Paslode St315i is a Battery actuated gas powered tool. Instead of a pneumatic hose and compressor, the tool uses a gas fuel cell and a battery to drive the staples. This design gives you maximum mobility when hoses and compressors are cumbersome to use. The St315i has been specifically designed to be used by the electric utility industry to properly install ground wires on wooden poles and features a mechanical depth management system which allows the user to adjust to the desired staple depth.



ST-315i

Staple Stick, Staple-Puller & Goat Wrench

The staple stick prevents the user from dropping staples and provides accuracy, especially when wearing rubber gloves. The staple puller aids in removing installed staples over the ground wire without damaging the molding, and the goat wrench is made of alloy steel to withstand hard usage when turning nuts, bolts or pipe.



574



7071



6400

Pole-mounted Flags & Light Bars

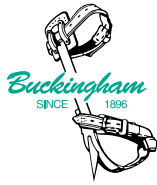
Flag holders and tailgate flags are used for safely transporting wooden utility poles. The flags are easily removed or changed quickly in the field. The pole trailer light bars are designed for greater visibility and to meet DOT requirements. They are designed for wood poles and non-wood poles both come with 4 way, 6 way or 7 way plugs for lights and they only weigh maximum of 26 lbs.



Light bar



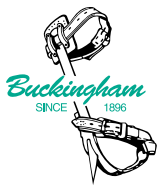
Trailer flag



Climbing Equipment

In this section:

- Linemen's Belts
- Climbers
- Holsters/Keepers
- Ditti/Nut & Bolt Bags
- Drag Bags
- Safety Straps
- Positioning Straps



Linemen's Body Belts

Buckingham body belts are designed to provide the user with maximum comfort, safety and all necessary belt accessories. All body belts come with pouch tabs, a tape thong, knife snap, sleeve bag ring, suspender or gut strap rings and tool loops. There are two types of body belts: full float which allows the dee rings to shift approximately 4" and the waist strap is stationary, or semi-float in which the dee rings are stationary and the waist strap shifts within the back pad.

Sizing is important for safety and comfort. Follow the sizing instructions below using the Dee Sizing Chart to get the right fit.

Dee Sizing Chart				
Dee Size in.	Belt Strap* Min. in.	Belt Strap Center Hole in.	Belt Strap Max in.	# of Tool Loops
D 18	32	36	40	3
D 19	33	37	41	3
D 20	34	38	42	3
D 21	36	40	44	4
D 22	37	41	45	4
D 23	38	42	46	4
D 24	40	44	48	4
D 25	41	45	49	4
D 26	42	46	50	4
D 27	44	48	52	4
D 28	45	49	53	4
D 29	46	50	54	4
D 30	47	51	55	4

*Belt Strap is not waist size.



4 dee body belt crafted of the highest quality leather featuring a full float body belt with a 5-1/2" foam cushioned pad reinforced with rawhide lace, belt strap is leather with a nylon center to provide strength and longer life, 4 floating in-line dees provide a 4" lateral movement to reduce wear on the pole strap.



Full float body belt with back saver made of high quality leather with a 5-1/2" foam cushioned pad reinforced with rawhide lace, belt strap is leather with a nylon center to provide strength. Back saver is non-padded back support is not stitched on and provides one continuous piece of leather from the belt liner to the top of the back support.



Semi float body belt economy model of the typical lineman's belt using quality leathers with a 6-ply neoprene impregnated nylon 1-3/4" waist strap, with a 5" pad.



Sizing Belt: This belt is designed to provide the user with an exact hip to hip measurement



Gut Strap



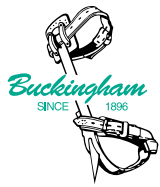
Lightweight Full Float Body Belt with removable man rated gut strap, Dri-lex® lined, stacked dee rings, 2 large full float double bar dee, and 2 small dee rings.



Lightweight full float body belt Dri-lex® lined features stacked dee rings, 2 large full float double bar dee, 2 small upper dee rings, back support and no gut strap.



Lightweight full float body belt Dri-lex® lined features four in line dee rings for attaching another strap when crossing obstacles on the pole, 2 large full float double bar dee rings, 2 small dee rings, 9" contour & pliable back pad and removable gut strap.



Body Belt Accessories

Suspenders	
Catalog #	Description
6258	Leather, w/shoulder pads, snap hook w/flat keeper, max support 25 lbs
6259	Woven nylon w/shoulder pads, straight keeper snap, max support 25 lbs
62583	Leather, using adjustment buckles that form a loop
62593	Nylon, using adjustment buckles that form a loop

*One size fits all



6259

Gut Straps

Man-Rated Gut Straps	
Catalog #	Description
6263	Used w/any two dee body belts and is completely adjustable, features 5000 lb man rated connections, leather lines strap, standard tongue buckle
6264	Used w/any two dee body belts and is completely adjustable, features 5000 lb man rated connections, leather lines strap, easy-to-use quick connect buckle



6264

Non-Man-Rated Gut Straps	
Catalog #	Description
6257	1-3/4" leather waist belt w/4 buckles and snaps
6256	4-ply nylon 1-3/4" waist belt w/wide leather pad and 4 buckles and snaps
62531	Sponge-lined pad w/4 connecting straps and snaps
6272	Back saver, 9" width w/dual take-up straps in the back



6257

Accessories

Accessories	
Catalog #	Description
6107	Tape thong
341	Leather adjustable loop and strap
6102	Wrench keeper
6104	Wrench holder
2402	Nylon handline carrier
6109	Wire hour glass shaped handline carrier
2407-80	Handline system to raise and lower material
2406	Handline hook
201 & 202	Leather cleaner & conditioner



2402



341



Positioning Straps

6-Ply Neoprene Impregnated Positioning Strap		
Cat. #	Length	Description
3842	5'8"	Available with *99E or **77 locking snap hook, tongue buckle, excellent abrasion resistance, contrasting center color to alert user to replace
3860	6'	
3866	6'6"	
3870	7'	
3880	8'	
3442	5'8"	Available with *99E or **77 locking snap hook, slide buckle, excellent abrasion resistance, contrasting center color to alert user to replace
3460	6'	
3466	6'6"	
3470	7'	
3480	8'	

*Suffix 99E indicates 99E locking snap
 **Suffix 77 indicates 77 locking snap



384299E



346099E

Leather with Woven Nylon Center		
Cat. #	Length	Description
3642	5'8"	Available with *99E or **77 locking snap hook, available in black, burgundy and brown, with tongue buckle and nylon center as a wear indicator
3660	6'	
3666	6'6"	
3670	7'	

*Suffix 99E indicates 99E locking snap
 **Suffix 77 indicates 77 locking snap



366099E

Neoprene SuperStrap		
Cat. #	Length	Description
334299E	5'8"	Made of 6-ply neoprene nylon w/red warning core, WebGrab for easy adjustment, no holes, available with linkless snap on the WebGrab
336099E	6'	
336699E	6'6"	
337099E	7'	
338099E	8'	
334299E	5'8"	



337099E

Accessories	
Cat. #	Description
38189E	Extension strap 18"
99E	Easy to use snap hook to operate like a non-locker
77	Locking snap hook, hinged points

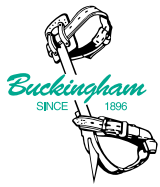


38189E



99E





Safety Straps

BuckSqueeze	
Catalog #	Pole Type
482D	Distribution poles w/webgrab
482T	Transmission poles w/webgrab
483D	Distribution poles
484T	Transmission poles

Features & Benefits

- 3 Slot Dee
- Serrated Roto-Snap
- Linkless Snap
- NEW Gold Spring Cam
- Cleat
- Channel Handle
- WebGrab
- One Disconnect



482D



483D

- Stays in adjustment
- Friction buckle & cam buckle adj.
- No tongue buckle to adjust
- CSA AB Certified

SuperSqueeze	
Catalog #	Pole Type
488W2Q3	Distribution poles w/webgrab
488TW2Q3	Transmission poles w/webgrab
488RQ4	Distribution poles w/rope
488RTQ4	Transmission poles w/rope

Features & Benefits

- One-handed strap adj.
- Modular design
- Easily changed out
- Use rope or web strap
- One disconnect
- Right- or Left-handed
- Lightweight design
- Meets ASTM F887-11
- 3600 lb.-rated hardware



488W



488R

BuckSqueeze/SuperSqueeze Access.	
Catalog #	Description
483C1-6	Wear guard made of black belting
483C-6	Wear guard made of black leather
487	BuckWheel for icy or slippery poles (prior to 2010 BuckSqueeze)
485	BuckTooth for climbing icy poles (prior to 2010 BuckSqueeze)

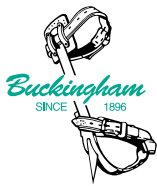
WPFR Secondary Positioning Straps	
Catalog #	Description
5004B	BuckGrab
9-8	BuckAdjuster, stitched 1/2" rope w/snap hook and BuckGrab
4812Y-8	Secondary web lanyard w/friction buckle
48129W2Y	SuperStrap, web lanyard w/WebGrab, available in 6' thru 9'



9-8



483C1-6



Tool Holsters/Keepers

Tool Holsters/Keepers		
Cat. #	Cable O.D. Range	Description
1152-WTH	8-1/2" L x 1-1/2" W x 9" H	3 interior pockets, adj. leather straps for belt attachment
1155	7" L x 4" W x 10" H	Slotted w/8 pockets, 4 large gussets, 2 screwdriver pockets and a knife snap
1156	10" L x 4" W x 10" H	Slotted w/10 pockets, 4 large gussets, 4 screwdriver pockets, 2 plier pockets, and knife snap
1157	7" L x 2" W x 10" H	Belt loop w/7 pockets, 2 large gussets, 3 plier pockets, tape sling, and hammer loop
1158	7" L x 2" W x 10" H	Slotted w/10 pockets, 1 large gusset, 6 tool loops, 3 plier pockets and tape sling
1159	8" L x 3" W x 10" H	Belt loop w/5 pockets, 1 large gusset, 6 tool loops, tape sling and knife snap
1161	7" L x 2" W x 10" H	Slotted w/4 pockets, 1 large gusset, shoulder strap, 2 screwdriver pockets and knife snap
1162	4" L x 2" W x 8" H	Slotted w/2 pockets
1171-S	7" L x 2" W x 10-1/2" H	Double backed w/3 pockets and rivet kit for attaching to belt
1172-S	7-1/2" L x 2" W x 10-1/2" H	Double backed w/4 pockets and rivet kit for attaching to belt
1173-S	10" L x 2" W x 10-1/2" H	Double backed w/5 pockets and rivet kit for attaching to belt
1150	6-1/2" L x 3-1/4" W x 6-3/4" H	Open top, tie to belt with leather straps w/2 brass grommets
42266	10-3/4" H x 8" L	Double backed w/5 pockets, 2 way knife snap and fastener kit
4929-BR	11" H x 6-1/4" L	Double backed w/4 pockets and fastener kit
49261	11" H x 6-1/4" L	Double backed w/4 pockets, 2 way knife snap and fastener kit
49190	10" H x 3-1/2" L	Double backed w/6 pockets and fastener kit
42666-BL	10-3/4" H x 8" L	Double backed w/5 pockets, 2 way knife snap, knife sheath and fastener kit
4923	11" H x 6" L	Double backed w/3 pockets and fastener kit
4951-BL	10" H x 7" L	Double backed w/3 pockets, 2 speed wrench slots and fastener kit
42266S-BR	8" H x 9-1/4" L	Double short backed w/5 pockets, 2 way knife snap and fastener kit
49261A	8" H x 5" L	Double short backed w/4 pockets, 2 way knife snap and fastener kit
4051	11-3/4" H x 3-3/4" L	Slotted and fastener kit w/1 pocket
4020	11-1/2" H x 4" L	Slotted and fastener kit w/2 pockets
4223	10-1/4" H x 6" L	Single back w/3 pockets and fastener kit
4226	11" H x 6-1/4" L	Single back w/4 pockets and fastener kit
4023	11-1/4" H x 6-1/4" L	Slotted and fastener kit w/3 pockets
4164	10" H x 7" L	Slotted w/8 pockets



1152-WTH



1173-S



4266S-BR



49261

Ditti/Nut & Bolt Bags

Nut & Bolt Bags/Pouches		
Catalog #	Cable O.D. Range	Description
1061	8-1/2"L x 3"W x 10"H	Green canvas, 1 inside pocket, quick release snaps for attachment
1061-GSA	8-1/2"L x 3"W x 10"H	White canvas, corner less bottom, quick release snaps for attachment
1061-MAG	8-1/2"L x 3"W x 10"H	Green canvas, 1 inside pocket, magnet strip, quick release snaps for attachment
1061-1	8-1/2"L x 3"W x 10"H	Waterproof vinyl, 1 inside pocket, quick release snaps for attachment
1061-1-HB	8-1/2"L x 3"W x 10"H	Waterproof vinyl, 1 inside pocket, quick release snaps for attachment
1061-1	8-1/2"L x 3"W x 10"H	Insoil corrosion shield, reinforced bottom, quick release snaps for attachment
1000	6"L x 3"W x 10"H	Canvas, with leather cord ties, brass ring for drainage port
1061-OV	9-1/2"L x 3"W x 12"H	Oversized canvas, quick release snap straps, leather side reinforcements
1120	6-1/2"L x 3"W x 8-1/2"H	Canvas, quick release snap attached
2530	12"L x 9"H	Canvas zippered pouch
1110	6-1/2" dia x 8-3/4"H	Tapered bottom bag w/web sling and quick release snap
1140-1-DSC	7"L x 4"W x 9"H	Canvas, with tunnel loop and draw string closure
1114-2	10-1/2" DIA x 5-1/2"H	Canvas 8 compartments with drawstring closure
5302	7"L x 3-1/2"W x 9"H	Leather, side gussets, raw hide lace for attachment
5299	9"L x 3"W x 10"H	Leather bag with straps for attachment
52993	9"L x 3"W x 10"H	Leather with 3 inside pockets for speed wrenches and straps for attachment
4578	10"L x 10 1/4"H	Heavy duty leather with covered front pocket, 3 inside pockets and fastener kit
5288	9"L x 3"W x 10"H	Leather bag with tunnel piece to slip on belt
52994	8-1/2"L x 3"W x 9"H	Leather with straps for attachment, snap closure
4570	10"H x 9"W	Canvas, u-shaped, attachment straps, available with magnetic strip and in black
4573	10"H x 9"W	Canvas, u-shaped, reinforced vinyl bottom, attachment straps
4571	10"H x 9"W	Canvas, u-shaped with inside pocket and attachment straps, available with friction buckle
45100	9"H x 9"H	Canvas with straps for attachment, available w/rigid vinyl liner
4595M2	9"L x 3"W x 9"H	Canvas, plastic liner on bottom, magnetic strip, 1 outside pocket, extra wide gusset
45911M2	9"L x 3"W x 8"H	Canvas, 1 inside pocket, magnetic strip, reinforced bottom, inside web loops
45703C4S9	9"L x 3"W x 10"H	Canvas, w/ drawstring top, snap/dee attachment straps, available w/ elastic retainer
45771	10"L x 4"W x 10"H	Canvas, tunnel loop or dee ring attachment, available in 16" H and with hook and loop



1061



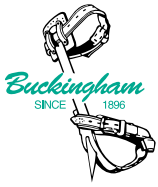
1110



5299



52993

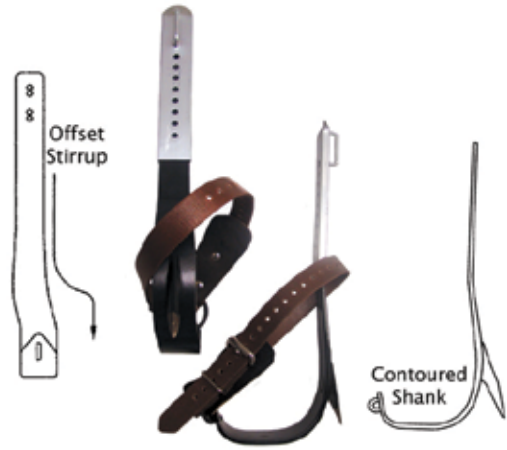
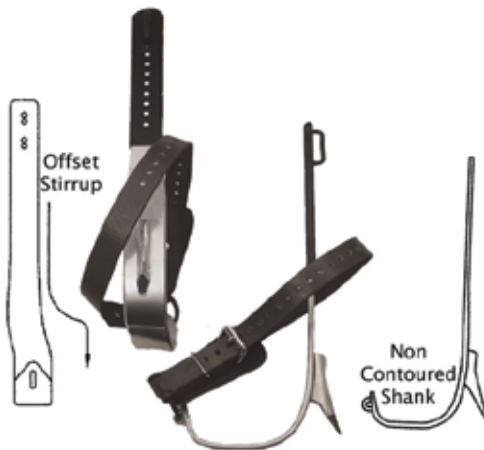


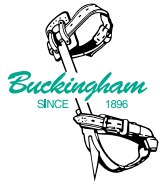
Climbers

Titanium Replaceable Gaff Pole Climbers		
Catalog #	Pole Type	Description
TB94089A	Standard	Contoured shank, gold with chrome gaffs & sleeves, straight and offset stirrups, dowel & screw style replaceable gaffs w/16° angle, 1.2 lbs
TB91089A	CCA	
TB94059A	Standard	
TB91059A	CCA	
T94089A	Standard	Non-contoured shank & beveled stirrup, chrome colored w/ black sleeve, straight & offset stirrups, dowel & screw style replaceable gaff w/16° angle, 1.2 lbs
T91089A	CCA	
T94059A	Standard	
T91059A	CCA	
TB98479	Standard	Contoured shank, silver w/black sleeves, straight & offset stirrups, permanent gaff with 12° angle, 1.1 lbs
TB91079	CCA	
TB887479	Standard	
TB81059	CCA	








Steel Replaceable Gaff Pole Climbers		
Catalog #	Pole Type	Description
SB94089A	Standard	Contoured shank, blue w/chrome colored gaffs & sleeves, straight & offset stirrups, dowel & screw style replaceable gaffs w/16° angle
SB91089A	CCA	
SB94059A	Standard	
SB91059A	CCA	
98479	Standard	Contoured shank, black w/chrome colored sleeves, straight & offset stirrups, permanent gaff w/12° angle.
91079	CCA	
87479	Standard	
81059	CCA	





Climber Options & Sizing

Climber Iron Options

Non Contoured Shank (Prefix T)	Contoured Shank (Prefix TB & SB)	Twisted Shank (Add Suffix 'T')	Offset Stirrup	Narrow Stirrup
				
Shank is straight from the top of the sleeve to the base of the gaff.	Shank top is straight with an outward curve to accommodate the ankle bone.	Shank follows the contour of the calf muscle to help reduce chafing. Able to be used with metal insert but not recommended.	Stirrup sits in the center of the foot.	Stirrup width of 4" opposed to the standard 4 1/2".

Gaff Options

Permanent Pole:

- Standard 1-3/4"
- CCA 1-3/4"

Dowel & Screw Style Replaceable Pole:

- Standard 1-3/4"
- CCA 1-3/4"

Pin Style Replaceable Pole:

- Standard 1-3/4"
- CCA 1-11/16"

Permanent Tree:

- Tree 3-1/4"

Screw Style Replaceable Pole:

- Standard 1-3/4"
- CCA 1 5/8"

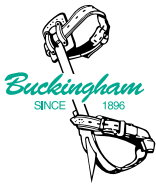
Replaceable Tree

- Tree 2-3/4"

Proper Fit & Comfort

For the comfort and safety of all linemen, it is important to have the climbers fit correctly. To find the correct sizing for the climbers, use a measuring tape placed under the boot sole under the instep to a point 1/2" below the bone projection just below the knee joint.

Climber Sleeve Leg Length Adjustment		
	Standard Stirrup Width	Narrow Stirrup Width
Standard Sleeve - Model 9204	16-1/4" – 18-3/4"	14-1/2" – 17-1/4"
Long Sleeve – Model 9202	19-1/4" – 21-3/4"	17-1/4" – 20-1/4"



New BuckAlloy Climbers

The New BuckAlloy climbers are made of the lightest aluminum available. The aluminum alloy used for the BuckAlloy climbers is the same used in transport applications including marine, automotive and aviation due to its high strength-to-density ratio. These climbers have the dowel and screw design to allow for easy gaff change out. They have a beveled stirrup to fit the bottom of the boot, easy to replace climber strap—no riveting needed.



BuckAlloy Aluminum Climber	
Catalog #	Description
A94089AV	Aluminum climber w/attached hook & loop black foot strap

Features:

- Dowel and Screw Design
- Beveled stirrup
- Easy to replace climber strap
- “T” Construction adds strength

Gaff Ridge Position (GRiP):

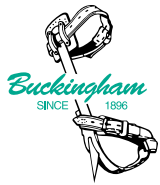
- Keeps the gaff pointed toward the heart of the pole
- Allows for better, more comfortable setting of the foot and arch
- Allows optimum gaff placement on the pole and promotes ease of climbing



If ordering the BuckAlloy to use with an existing set of climber pads that incorporate a steel insert, Model 50321 must be ordered to replace the existing insert.



50321



Straps, Gaff Guards & Accessories

Straps

Single Piece Straps sold in pairs 1" thick

Length	Nylon	Latigo Leather
22"	2239	2234
24"	2439	2434
24" w/buckle pad	2449	2444
26"	2639	2634
26" w/buckle pad	2649	2644
28"	2839	28344
28" w/buckle pad	2849	2844
30"	—	263432
30" w/buckle pad	3049	—



2239



21391

Two Piece Straps sold in pairs 1" thick

Length	Nylon	Latigo Leather
26" unassembled	21391	21341
26" unassembled	2139	2134

Safety Note: Climber straps should be inspected daily for cuts, nicks, cracks, elongated holes, rotted leather or faulty buckle.

Gaff Guards

Gaff Guards	
Cat. #	Description
6909U	A coated wire universal pole gaff guard
6909	Only for Buckingham permanent pole gaff climbers
60092	Leather gaff guard w/hook and loop fasteners, pole
6909A	Snap on gaff guard that fits all Buckingham replaceable pole gaffs w/a 16" angle
60094	Leather, universal for replaceable or permanent pole climbers, hook and loop closure w/reinforced steel on tip.
60093	Leather gaff guard w/bungee strap that attaches to the sleeve loop, universal
6009	Leather gaff guard w/a buckle fastener, universal



6909U



9202 & 9204

Chrome-colored short and long climber sleeves. 9202 adjusts from 16-1/4" to 18-3/4" and 9204 adjusts from 19-1/4" to 21-3/4" for standard length.



6025

Gaff maintenance kit to safely and properly shape gaffs includes 6303 pole gaff gauge that surveys the condition of your climbers.



Climber Pads



3503

Cushion wrap pad without metal insert, secured with hook and loop, no cinch.



3503C

Cushion wrap pad without metal insert, secured with hook and loop, with cinch.



3127

Provides increased support and helps to reduce leg irritation, 8" wide felt lined pad, tunnel design, requires two 26" straps.



3118

Big Buck climber pad w/ double strap that fits 1" & 1 1/4" straps to secure the pad to the calf, with metal insert and thick felt padding.



3125

The 'L' Tunnel pad has a soft 3/4" cushion between two pieces of leather. 3 loops and a tunnel design to keep climber stationary.



3126

'L' shaped cell foam-filled pad, rolled edges, tunnel design, requires 26" strap.



3124

The 'T' pad has a thick felt liner and a tunnel design to stabilize the shank w/ leather construction.



3122

Quality leather pad with 3 loops and a tunnel design with 3/4" padding.



35034

'C' pad with metal insert, thicker oversized felt liner minimizes chafing and shifting, requires 26" strap.

Drag Bags

Estex Drag Bags

All Estex tool bags are made of heavy canvas or vinyl-coated nylon, 1/4" double tempered Masonite bottom, six brass studs on bottom, heavy-duty polypropylene web handles sewn completely around the bag, and heavy steel-top frame enclosed in canvas. Tool bags also have top grain leather straps reinforced with leather, double riveted with rivet caps, industrial weight nickel-plated snap closures on pockets and heavy vinyl-coated nylon bottom reinforcement and weather seal.

Estex Standard Drag Bags		
#4 Canvas	#8 Canvas	Size
2113-12	2114-12	12"L x 7-1/2"W x 10"H
2113-14	2114-14	14"L x 7-1/2"W x 10"H
2113-16	2114-16	16"L x 9"W x 10"H
2113-18	2114-18	18"L x 9"W x 10"H
2113-20	2114-20	20"L x 9"W x 14"H
2113-22	2114-22	22"L x 10"W x 14"H
2113-24	2113-24	24"L x 10"W x 14"H



2113-12



2175

Limited examples shown. Please call for more options.

Buckingham Drag Bags

All Buckingham tool bags are constructed with heavy canvas or vinyl-coated nylon, 1/4" double tempered Masonite bottom, six brass studs on bottom. These tool bags also have heavy-duty nylon web handles sewn around the bag, heavy steel-top frame enclosed in canvas and industrial weight nickel-plated snaps on pockets. Bags have a heavy vinyl-coated nylon bottom reinforcement, top grain leather straps that are double riveted with leather and weather-sealed washers.

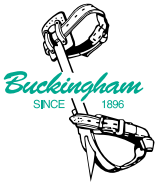
Buckingham Standard Drag Bags		
Catalog #	Size	Pockets
45333S	24"L x 11"W x 17"H	2 outside
45332	24"L x 11"W x 17"H	1 outside
45331Y	24"L x 11"W x 17"H	1 inside
506	14"L x 6"W x 9"H	None
45300C	20"L x 7"W x 15"H	1 inside
45334	16"L x 9"W x 12"H	None



45333S



45333B35S



Retractable Lifelines, Buck Trainer & Harness Beam

Retractable Lifelines

Model 6007-164DV+Z • 4.6lbs

Lightweight 16' webbing retractable lifeline features a light yet rugged composite housing that swivels to minimizing twisting during use.



Model 5201-25

A retractable lifeline that engages a centrifugal braking mechanism to limit the free fall to less than 2'. Available in 25' 50' or 100' of galvanized, Kevlar, or stainless cable.



Buck Trainer Model 5204

The Buck Trainer attaches to any pole up to a 9" diameter and at any height. It is a reliable apprentice fall protection 5000-lb. anchor that rotates 250°.

All parts included to secure to pole:

- Ratchet strap to lift Buck Trainer w/handline
- Bolts and nuts
- Mounting brackets
- Carabiner to mount lifeline

Benefits and specifications of the Buck Trainer:

- Fits a pole w/diameter up to 9"
- Mounts anywhere on pole
- Rotates 250°
- Keeps climbers 36" from pole
- Tested to 5000 lbs



Harness Beam Model 5203

- Full 360° ball bearing rotation
- Provides a 5400 lb. anchor point
- Requires no pole drilling
- Weighs approx. 160 lbs
- Adjustable to fit over a max. 9.5" diameter pole top*
- 36" Arm length
- Center lifting eye
- Limits arresting force to less than 900 lbs
- Installation takes less than 10 minutes
- Eight bolts to secure to pole
- Dual harness beam available – Model 52032



5203



5203-2

*To fit poles with a 12" diameter top order model 5203-12



Instruments

In this section:

- Voltage Detectors
- Phasing Tools
- Amp Meters
- Multi-Meters
- Infrared Cameras
- Loggers
- 3M Underground Locating Equipment

Voltage Detector or Indicator

Bierer Voltage Detectors

Bierer Voltage Detectors		
Catalog #	Range of Voltage	Weight
VD1000P	0V to 999kV	2 lbs
VDA040P	0 to 40kV	2 lbs
VDA040C	0 to 40kV	2 lbs
VDA0300	2.4kV to 300kV	2 lbs
VDA0450	2.4kV to 450kV	2 lbs
VDAH300	2.4kV to 300kV	2 lbs
VDAH450	2.4kV to 450kV	2 lbs
AV Meter	Up to 289kV	3 lbs
VBI-15	7.2kV to 20kV	3 lbs
VIAV300	240V to 300kV	5 lbs



VDA040P

Salisbury Voltage Detectors

Salisbury Voltage Detectors		
Catalog #	Range of Voltage	Weight
4544	2.4kV to 135kV	15 oz
4644	2.4kV to 300kV	15 oz
4744	2.4kV to 40kV	15 oz
4745	2.4kV to 25kV	15 oz
4244	2.4kV to 135kV	15 oz
4344	2.4kV to 290kV	15 oz
4444	2.4kV to 40kV	15 oz



4444

Hastings Voltage Detectors

Hastings Voltage Detectors		
Catalog #	Range of Voltage	Weight
7701	240V to 135kV	1 lbs
6701	0 to 25kV	3.7 lbs
6701-1	0 to 25kV	4.2 lbs
6780	69kV to 300kV	3.7 lbs



7701

HD Electric Voltage Detectors

HD Electric Voltage Detectors		
Catalog #	Range of Voltage	Weight
PRX-500	120V to 300kV	1 lbs
DVI-500	Up to 500kV	1.37 lbs
DVI-100	Up to 99kV	1.37 lbs
TAG-200	4kV to 40kV	11 oz
TAG-330	40kV to 440kV	1.3 lbs



DVI-500

Ampmeters

Ampstick®

The SensorLink True RMS high voltage Ammeter measures the amperage of a line conductor that is placed between its forks. The opening of the current sensor is electronically closed; while external currents are electronically rejected. The Ampstick holds up to four readings, easily slips on and off the conductor, checks current before breaking load, spot verify load balance, and checks CT ratios.



8-020XTPLUS

Ampstik Plus Ammeter					
Catalog #	Description	Current Range	Voltage Phase To Phase	Sensor Opening	Accuracy
8-020XTPLUS	True RMS Ammeter	1 to 5000 A	0 to 500 kV	2.5"	±1%
8-022 PLUS	Wide Jaw True RMS Ammeter	1 to 2000 A	0 to 69 kV	3.86"	±1%
8-023 PLUS	Wide Jaw True RMS Ammeter	1 to 5000 A	0 to 69 kV	3.86"	±1%
8-024 PLUS	Wide Jaw True RMS Ammeter	1 to 2000 A	0 to 400 kV	3.86"	±1%

The SensorLink True RMS high-voltage Radio Ammeter measures the amperage of a line conductor that is placed between its forks with the key feature of its ability to display the current reading up to 50 feet away from the sensor on the remote radio receiver display. This Ampstick gives a heads-up display for instant confirmation of the reading, operates in a non-licensed radio frequency band, identifies cold load pick-up problems, and checks current before breaking a load.

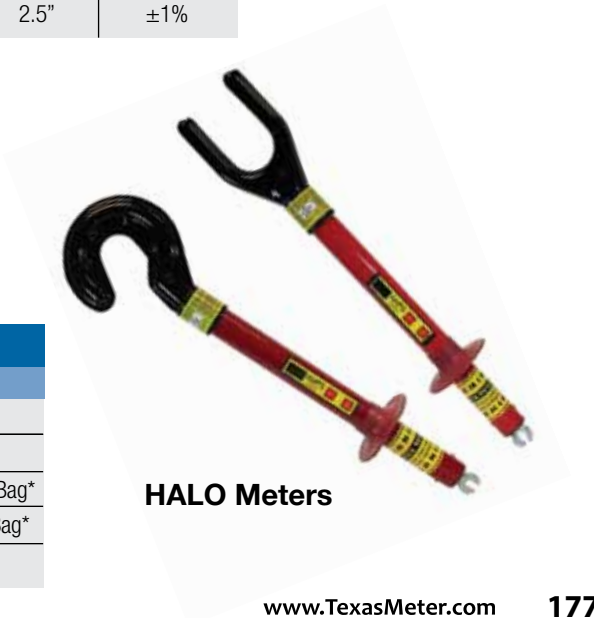


6-120

Radio Ampstik					
Catalog #	Description	Current Range	Voltage Phase To Phase	Sensor Opening	Accuracy
6-120	Radio Linked Ampstik	1 to 5000 A	0 to 69 kV	2.5"	±1%

HALO® High-Voltage Ammeter

The HALO® is a high voltage ammeter used on power distribution systems designed to take True RMS AC current measurements. It can also be used to take spot load measurements on a single phase, as well as take readings on all three phases to determine load balance.



HALO Meters

HALO® High-Voltage Meters	
Cat. #	Description
8280	HALO I, 0 to 2000 AMPS AC, True RMS, Peak Hold, Hook Head and B-7 Bag*
8281	HALO I, 0 to 2000 AMPS AC, True RMS, Peak Hold, Fork Head and B-7 Bag*
9390	HALO II, 0 to 2000 AMPS AC, True RMS, Peak Hold and Tracking, Hook Head & B-7 Bag*
9391	HALO II, 0 to 2000 AMPS AC, True RMS, Peak Hold and Tracking, Fork Head & B-7 Bag*

*To order HALO with metal case, add "/HC-5" to the end of the part number.

Corded Phasing Voltmeters

Bierer Corded Phasing Voltmeter

Bierer Phasing Voltmeter		
Cat. #	Range of Voltage	Weight
PD25	0V to 25kV	5 lbs
PD50	0V to 50kV	5 lbs
81280	0V to 25kV	5 lbs
83280	0V to 35kV	5 lbs



PD50

HD Electric Corded Phasing Voltmeter

HD Electric Corded Voltmeter		
Cat. #	Range of Voltage	Weight
DVM-80UVK	10V to 80kV	2.25 lbs
DVM-5000V	10V to 5000V	2.25 lbs
DVM-25T	50V to 25kV	2 lbs
DVM-80	50V to 80kV	2.7 lbs
DVM-80T	50V to 80kV	2.7 lbs
DVM-I	150V to 20kV	3.8 lbs
DVM-II	150V to 50kV	5.6 lbs
DVM-III	150V to 20kV	3.8 lbs
DVM-IV	150V to 50kV	5.6 lbs
DVM-V	150V to 20kV	4.9 lbs
MARK-I-S	0kV to 15kV	4.9 lbs
MARK-II-S	0kV to 45kV	5.7 lbs
MARK-III-S	0kV to 75kV	4.9 lbs
MARK-IV	0kV to 5kV	4.9 lbs
MARK-V	0kV to 15kV	4.9 lbs
MARK-VI	0kV to 45kV	4.9 lbs
MARK-VII	0kV to 15kV	4.9 lbs
MARK-VIII	0kV to 15kV	6.2 lbs
MARK-IX	0kV to 25kV	5.2 lbs
MARK-XI	0kV to 25kV	5.2 lbs
MARK-XII	0kV to 40kV	5.7 lbs
EM-1	0kV to 16kV	3.7 lbs
EM-2	0kV to 25kV	4 lbs
EM-3	0kV to 15kV	3.9 lbs



DVM-II



DVM-80UVK KIT

Hastings Corded Phasing Voltmeter

Hastings Phasing Voltmeter		
Cat. #	Range of Voltage	Weight
6702	0kV to 40kV	5 lbs



6702

Wireless Phasing

Bierer Wireless Phasing

Bierer Wireless Phasing		
Cat. #	Range of Voltage	Weight
PD800W	120V to 765kV Phase to Phase	4 lbs
PR1	120V to 765kV Phase to Phase	4 lbs



PD800W



Phasing Ranger 1 (PR1)

HD Electric Wireless Phasing

HD Electric Wireless Phasing		
Cat. #	Range of Voltage	Weight
TAG-5000	4kV to 230kV Phase to Phase	1.2 lbs



TAG-5000

Hastings Wireless Phasing Voltmeter

HD Electric Wireless Phasing		
Cat. #	Range of Voltage	Weight
6722	120V to 500kV Phase to Phase	6.5 lbs



6722

Miscellaneous Instruments

AEMC Ground Resistance Tester		
Models	3711	3731
Clamp on Test		✓
Ranging	Automatic	
Current Range	1mA to 30Amps	
Test Current	Automatic	
Display	Digital	



3731



GRT1000 & GRT1000A

Ground Resistance Tester 1000 Ohms

For a loop grounding system, the operator can measure the ground resistance and test for continuity without having to break down the grounding wire, or use auxiliary electrodes. With the GRT1000A the operator is also able to read unwanted grounding currents up to 15 Amps.



GT400HDXL

The GT400HDXL is a tester for personal protective grounding assemblies. Tests by administering Rated ASTM Current through the grounding assembly and measuring the voltage drop across the assembly. Easily converts for testing elbows, bushings, mechanical jumpers, substation clamps, truck grounds and cluster grounds.



Super Beast

The Super Beast Secondary Service Conductor Tester indicates problems on secondary service, detects open neutral quickly, accurately, isolates and identifies overhead or underground complaints on the utility side, verifies condition of secondary conductors and associated connections available in Analog and Digital.



ST800

ST800 is a service tester 500 amps Identifies bad conductors from the transformer to the meter base, indicates integrity of neutral conductor to prevent excessive house ground currents, locates both hot legs and neutral at the pedestal and/or transformer blocks, locate bad connectors on overhead spans and identifies de-energized URD Primary cable in a manhole or ditch.

Miscellaneous Instruments, cont.



The Mega Beast

The Mega Beast 3 wire, 120 volt service conductor tester indicates problems on secondary service, 80 amp artificial unbalanced load and detects open neutrals quickly and accurately.



6793

The Hastings 6793 Transformer and capacitor tester tests conditions of transformers and capacitors before placing them into service, verifies that transformers or capacitors are not shorted open prior to energizing, detects failures, magnetized for hands free use, and can be used to verify that secondary services are not shorted prior to energizing the transformer.



PEL 100 Action

PEL 100 Series Power & Energy Logger

Current measurement from 100mA to 10,000A using flex current sensors. Power measurement: VA, W and VAR records cost of energy usage.



TILT II & QUICK CHECK

The TILT II and Quick Check transformer & capacitor testers tests transformers or capacitors for major defects before energizing, tests primary and secondary sides of de-energized transformers without disconnecting, built in self-test and audible alarm confirms successful test.



K-3

The Knopp K-3 phase sequence indicator is a 60 to 600 volt, 25 to 60 Hertz indicator of voltage and frequency by direction of rotor rotation. Also indicates an open phase.



Multi-Meters & Clamp-On Meters

General Features of 2500A Clamp Meter

3-3/4 digit, 4000 count display
2.17" jaw opening
1mV output per 1 amp input
CAT III, 600V measurement category



CMI-200

General Features of 600A True RMS Clamp Meter

4000 count LCD display
1.38" jaw opening
400.0, 600A Amperage measurement
400.0, 600V Voltage measurement
CAT III, 600V measurement category



CM-950

General Features of ESM Digital Logging Meter

Stores 87,000 single or 43,000 dual channel measurements
10,000 count LCD display
Measures voltage, current, resistance, conductance, frequency & capacitance
K type, -58 to 1832°F temperature
CAT IV, 1000V measurement category



DML-430A

General Features of TRMS Digital Multimeter

AC/DC voltage, AC/DC amperage measurement
6000 count LCD display
Frequency, capacitance & data hold to capture measurement
Auto shut-off, Audible input alert
CAT IV, 600V, CAT III, 1000V measurement category



DM-350

General Features of 400 Series Clamp-on Meter

Auto AC/DC detection;
.15 to 1000A ac/1500A dc
1.89" jaw opening
10,000 count LCD display
.15 to 1000V ac, .15 to 1400V dc
CAT IV, 1000V measurement category



401

General Features of 600 Series Clamp-on Meter

Auto AC/DC detection;
.15 to 2000A ac/3000A dc
2.36" jaw opening
10,000 count LCD display
.15 to 1000V ac, .15 to 1400V dc
CAT IV, 1000V measurement category



600

General Features of True-RMS Digital Multimeter

6.00mV-600V ac voltage; 600.0mV-600V dc voltage
2.00Hz-50.00kHz frequency;
40MΩ resistance
Standard LCD display
CATIII, 600V measurement category



2217-20



Multi-Meters & Clamp-On Meters, cont.

Multi-Meters & Clamp-On Meters					
Catalog #	Category	Voltage Rating	True RMS	OHMS	AMPS
DM-860A	CAT IV, 1000V	1000 AC/DC	AC & DC	50	10 AC/DC
DML-430A	CAT IV, 1000V	1000 AC/DC	AC & DC	60	10 AC/DC
DM-830A	CAT IV, 1000V	1000 AC/DC	AC & DC	60	10 AC/DC
DM-820A	CAT IV, 1000V	1000 AC/DC	AC	60	10 AC/DC
DM-810A	CAT IV, 1000V	1000 AC/DC	AC	60	10 AC/DC
DM-510A	CAT IV, 300V; CAT III, 600V; CAT II, 1000V	1000 AC/DC	AC	60	8 AC/DC
DM-210A	CAT IV, 300V; CAT III, 600V; CAT II, 1000V	1000 AC/DC	---	60	8 AC/DC
DM-200A	CAT IV, 300V; CAT III, 600V; CAT II, 1000V	1000 AC/DC	---	60	8 AC/DC
DM-350	CAT IV, 600V; CAT III, 1000V	1000 AC/DC	AC	60	10 AC/DC
DM-330	CAT IV, 600V; CAT III, 1000V	1000 AC/DC	AC	60	10 AC/DC
DM-310	CAT IV, 600V; CAT III, 1000V	1000 AC/DC		60	10 AC/DC
DM-300	CAT IV, 600V; CAT III, 1000V	1000 AC/DC	AC	60	---
DM-65	CAT IV, 600V; CAT III, 1000V	1000 AC/DC	---	60	10 AC/DC
DM-45	CAT III, 600V	600 AC/DC	---	40	10 AC/DC
DM-25	CAT III, 600V	600 AC/DC	---	2	---
PDMM-20	CAT III, 300V; CAT II, 450V	450 AC/DC	---	6	---
AM-6	CAT II, 300V	300 AC/DC	---	1	500mA DC
401	CAT IV, 1000V	1000 AC / 1400 DC	AC	.1 to 99.99	1000 AC
402	CAT IV, 1000V	1000 AC / 1400 DC	AC/DC	.1 to 99.99	1000 AC / 1500 DC
601	CAT IV, 1000V	1000 AC / 1400 DC	AC	.1 to 99.99	2000 AC
602	CAT IV, 1000V	1000 AC / 1400 DC	AC/DC	.1 to 99.99	2000 AC / 3000 DC
2235-20	CAT III, 600V	600 AC/DC	AC	400	400 AC
2237-20	CAT III, 600V	600 AC/DC	AC	6	600 AC/DC
2239-20	CAT IV, 600V; CAT III, 1000V	1000 AC/DC	AC	---	1000 AC/DC
2216-20	CAT III, 600V	600 AC/DC	AC	40	10 AC/DC
2217-20	CAT III, 600V	600 AC/DC	AC	40	10 AC/DC
2205-20	CAT IV, 600V; CAT III, 1000V	1000 AC/DC	AC	40	200 AC/DC



3M™ Locators & Markers

3M™ Dynatel Locators

3M™ Dynatel Locators	
Model	Description
7420 series	EMS-iD tape/marker locator, w/ capability to read/write to 3M iD markers
7500 series	Pipe/Cable/Fault/EMS locators w/ capability to read/write to 3M iD markers, 6 active frequencies, transmitter options in 3, 5 or 12 watt, compatible w/ select GPS/GIS field mapping instruments
2200 series	Cable/Pipe/Fault locators w/4 active frequencies, cable/pair identification, self-test routine
2500 series	Cable/Pipe/Fault and Marker locators w/6 active frequencies, transmitter output of 12 watts (max), electronic marker locate/read/write and alert mode, GPS/GIS capability

M Series – Advanced Locator

iD Series – Advanced Locator, locates all EMS markers and reads/writes to iD markers, GPS compatible

2200 Series – Basic Locator



3M™ Markers

3M™ Markers	
Model	Description
EMS iD MARKERS	
1430-XR/iD Series	EMS iD near-surface extended range underground marker up to 3' for gas, power, water/wastewater and communications
1420-XR/iD Series	EMS iD ball marker extended range underground marker up to 5' for gas, power, water/wastewater and communications, containing a mixture of water and propylene glycol
1250-54-XR/iD Series	EMS iD full-range extended range underground marker up to 8' for gas, power, water/wastewater and communications
NON-EMS iD MARKERS	
1430 Series	Near-surface underground marker up to 2' for gas, power, water/wastewater and communications
1420 Series	Ball marker underground marker up to 5' for gas, power, water/wastewater and communications, containing a mixture of water and propylene glycol
1250-54 Series	Full-range underground marker up to 8' for gas, power, water/wastewater and communications
1255-59 Series	Mini-marker underground marker up to 6' for gas, power, water/wastewater and communications



3M™ Locator Accessories

Dyna-Coupler

Cat. #	Description
3001	3" coupler
4001	4.5" coupler
1196	6" coupler w/pouch
9011	Coupler cable



Dyna-Coupler



Coupler Cable

Direct-Connect Transmitter Cable

Cat. #	Description
2876	Large clip 10' cable
2892	Small clip 5' cable



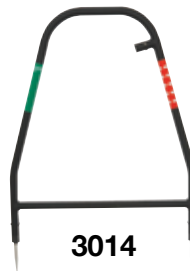
Locator Carrying Bag

Cat. #	Description
2200M/7000	Soft carrying bag for 2200M/2500/7000 series



Earth Contact Frame

Cat. #	Description
3014	Earth contact frame
9026	Earth contact frame cable



3014



9026

Rechargeable Battery

Cat. #	Description
2200/7000RB	Rechargeable battery, non-spillable



Megger DLRO10HD & Amprobe TIC300Pro

Megger DLRO10HD

The Megger DLRO10HD is a 10-amp digital low-resistance ohmmeter. These ohmmeters have a high or low output power selection for condition diagnosis, a rechargeable battery or line power supply, and will operate continuously, even with a dead battery. The ohmmeters are equipped with high input protection to 600V, and inadvertent connection to line or UPS voltage will not blow a fuse. The rotary switch selects one of five test modes, including an auto start on connection allowing ease of use.

Additional Features and Benefits include:

- Rugged case well suited for transportation
- Removable lid
- Operational ingress protection is IP54 (battery power only)
- 7Ah lead acid battery provides extended operation
- Rotary mode switch with bidirectional, unidirectional, automatic, continuous and inductive modes
- Large clear LCD display with backlight
- Auto power off function conserves battery



Megger DLRO10HD

Amprobe TIC300Pro

The Amprobe TIC-300 Pro with Voltect® has high voltage settings of 1500V AC to 122kV AC for checking transmission line, power distribution equipment, down power lines, fuses and load break connectors. It also has low voltage settings of 30V AC to 1500V AC for checking voltage presence in breaker panels and outlets. The TIC-300 Pro has a unique self-test feature with no need to connect directly to a current carrying conductor.

Accessories Include:

- TIC 410A Hot Stick 48" attachment
- Deluxe carrying case



Amprobe TIC300Pro

SALISBURY

by Honeywell



**NATIONAL
SAFETY APPAREL®**



Arc Flash

In this section:

- **Arc Flash Sizing**
- **Arc Flash Kits**
- **Arc Protection Blankets & Accessories**

Arc Flash

Kits

Arc Flash Kits			
Cat. #	ATPV Rating CAL/CM ²	Size	Description
SK	8, 12, 20, 31, 40, 55, 75 or 100	S, M, L, XL, 2XL or 3XL	Coat, bib overalls, AS1000HAT, AFHOOD, safety glasses, SKBAG
SKC	8 or 12	S, M, L, XL, 2XL or 3XL	Coat, AS1000HAT, AFHOOD, safety glasses, SKBAG
SKCP	8 or 12	S, M, L, XL, 2XL or 3XL	Coat, pants, AS1000HAT, AFHOOD, safety glasses, SKBAG
SKCA	8 or 10	S, M, L, XL, 2XL or 3XL	Coveralls, AS1000HAT, AFHOOD, safety glasses, SKBAG

*Add suffix AS1200 for the 12 cal/cm² hat



SK11



SKCA8

Arc Flash Equipment

Arc Flash Face, Head & Neck Protection	
Catalog #	Description
AS2000HAT	20 cal/cm ² arc flash protection face shield unit w/ orange front brim hard hat
AS1200HAT	12 cal/cm ² arc flash protection face shield unit w/ orange front brim hard hat
AS1000HAT	10 cal/cm ² arc flash protection face shield unit w/ orange front brim hard hat
AS1000FS	10 cal/cm ² replacement face shield
AS1200FS	12 cal/cm ² replacement face shield
AS2000FS	20 cal/cm ² replacement face shield
1000V	8 to 20 cal/cm ² replacement single layer lens, new design w/ hook & pile attachment
2000V	8 to 20 cal/cm ² replacement single layer lens, old design w/ hook & pile attachment
4000V	31 to 55 cal/cm ² replacement dual layer lens w/ hook & pile attachment
10000V	75 to 100 cal/cm ² replacement dual layer lens w/ hook & pile attachment
AS1000	10 cal/cm ² face shield unit only
AS1200	12 cal/cm ² face shield unit only
AS2000	20 cal/cm ² face shield unit only
AFHOOD	10, 15, 20 or 28 cal/cm ² 360° head and neck protection
LFH40	40 cal/cm ² new lift front hood, face shield is latched to the hood when in operation, eliminates the fabric over the hard hat and helps release trapped air



LFH40

Arc Flash, cont.

Salisbury Pro-Hood® Arc Flash protection hoods are one-size-fits-all.

Arc Flash Face, Head & Neck Protection Kits

Catalog #	Description
SKA10	10 cal/cm ² kit includes AFHOOD, AS1000HAT, safety glasses and ASBAG
SKA12	12 cal/cm ² kit includes AFHOOD, AS1200HAT, safety glasses and ASBAG
SKA20	20 cal/cm ² kit includes AFHOOD, AS2000HAT, safety glasses and ASBAG
AFHOOD10	10 cal/cm ² head and neck protection
AS1200HAT	AS1200 w/SA79R front brim hard hat



SKA10



AFHOOD10



AS1200HAT

Arc Flash Accessories

Arc Flash Accessories

Catalog #	Description
ASCP	Replacement chin cup
BRACKET	Universal dielectric hard hat bracket for front brim
FBBRACKET	Universal dielectric hard hat bracket for full brim
ASSLB	Dielectric bracket, fits slotted front brim
ASRHG4	Ratcheted head gear w/4" arc guard
ASBAG	Cotton canvas storage bag w/drawstring closure & fleece interior
SKBAG	Large storage bag
SKBACKPACK	Reinforced specialty back pack
FLKIT	Task light



FBBRACKET



SKBAG

Arc Flash Sizing

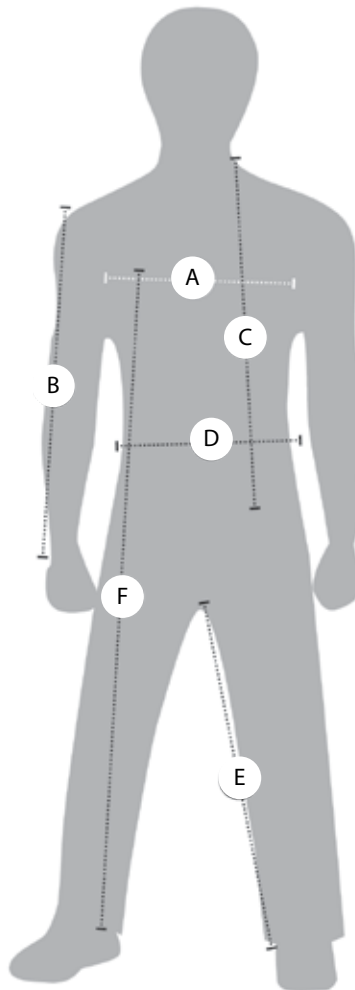
Coverall/Measurements in Inches				
Size	Chest	Sleeve	Waist	Inseam
Small	40"	34"	36"	29"
Medium	44"	35"	40"	30"
Large	48"	36"	44"	30"
XLarge	52"	38"	48"	30"
2XLarge	56"	39"	52"	31"
3XLarge	60"	39"	56"	31"
4XLarge	64"	40"	60"	32"
5XLarge	68"	40"	64"	32"
6XLarge	72"	40"	68"	32"

Overpants Measurements in Inches		
Size	Waist	Inseam
Small	38"	30"
Medium	42"	30"
Large	46"	30"
XLarge	50"	30"
2XLarge	54"	30"
3XLarge	58"	30"
4XLarge	62"	30"
5XLarge	66"	30"
6XLarge	70"	30"

Coat/Measurements in Inches			
Size	Chest	Arm	Torso
Small	44"	35"	32"
Medium	48"	36"	32"
Large	52"	37"	32"
XLarge	56"	38"	32"
2XLarge	60"	39"	32"
3XLarge	64"	40"	32"
4XLarge	68"	40"	32"
5XLarge	72"	40"	32"
6XLarge	76"	39"	32"

Bib Overalls/Measurements in Inches			
Size	Waist	Inseam	Length
Small	44"	30"	54"
Medium	48"	30"	55"
Large	52"	30"	56"
XLarge	56"	30"	57"
2XLarge	60"	30"	58"
3XLarge	64"	30"	59"
4XLarge	68"	30"	60"
5XLarge	72"	30"	61"
6XLarge	76"	30"	62"

3X and larger are special order and non-returnable.



Arc Protection Blanket

Arc protection blankets are used as a barrier for protection from the explosive and incendiary effects of electrical arcs and flashes. Using these blankets for worker protection in underground vaults, switchyards, and other locations where electrical equipment poses a risk of exposure to explosive electrical discharges is essential for the safety of electrical workers.



ARC45-40



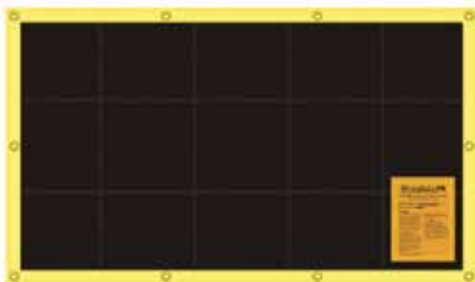
TE-48-96

Arc Protection Blanket Accessories

Catalog #	Description	Dimensions
TE-48-56	25 KA Arc protection	48"L x 56"H
TE-48-96	25 KA Arc protection	48"L x 96"H
TE-56-96	25 KA Arc protection	56"L x 96"H
TE-72-96	25 KA Arc protection	72"L x 96"H
TE-W4856	40 KA Arc protection	48"L x 56"H
TE-W4896	40 KA Arc protection	48"L x 96"H
TE-W5696	40 KA Arc protection	56"L x 96"H
TE-W7296	40 KA Arc protection	72"L x 96"H
ARC45-15	15 KA Arc protection, navy blue	48"L x 60"H
ARC45-40	40 KA Arc protection, gray/khaki	48"L x 60"H
ARC48-15	15 KA Arc protection, navy blue	48"L x 96"H
ARC48-40	40 KA Arc protection, gray/khaki	48"L x 96"H

Add suffix "P" for storage bag, "PS" for storage bag and straps

Add suffix "C" for P4 canister, "CS" for canister and straps



TE-48-96



ARC45-15

Arc Protection Blanket Accessories

To care for the arc protection blankets, one should store it properly to prevent UV damage. Blankets should be dry before storage. The arc protection blankets give only limited protection against electrical discharges. The blankets and all accessories should be visually inspected before each use. Arc blankets are not designed for electrical insulating protection. Limited examples shown. Please call for more options.

Arc Protection Blanket Accessories	
Catalog #	Description
TE-S-6LN	6' light nylon, strap w/cam buckle & 2 carabiner
TE-S-6HN	6' heavy nylon, strap w/cam buckle & 2 carabiner
TE-S-6K	6' Kevlar strap w/cam buckle & 2 carabiner
26092016NU	Canvas zipper arc blanket storage bag
ARC142	1"x42" single Kevlar strap w/ buckle
ARC142-K16	Arc48 strap kit w/16 buckles
ARC142-K12	Arc45 strap kit w/12 buckles



TE-S-6LN



Canvas Storage Bag



ARC142



ARC48-40PSC



Tool Repair & Calibration

We service these brands.

Tool Repair & Calibration

Instrument & Tool Repairs

Texas Meter & Device can repair your instruments and tools and potentially save you money by not having to purchase new items. We will check for warranty before you are quoted for the repair.

Tools and instruments TMD can repair include:

- Strap Hoists
- Ratcheting Cable Cutters
- Hydraulic Impacts & Tamps
- Battery Operated Crimpers & Cutters
- Load Break & Pick-up Tools
- 3M Locators
- Meters
- Meggers
- Voltage Detectors
- Phasing meters
- Superbeast & Megabeast
- Other (please call to see if TMD offers repair on your item)

Instrument & Tool Calibration

Texas Meter & Device can have your instruments and tools calibrated so your equipment is always performing at its best.

Instruments and tools that can be calibrated include:

- Phasing Meters
- Meggers
- A variety of meters
- 3M Locators
- Voltage Detectors
- Ammeters
- Tic Tracers
- Torque Wrenches
- Dial Indicators
- Other (please call to see if TMD offers calibration on your item)



Crimper



Hydraulic Impact Guns



Multi-meter



3M Locator



Meggers

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TESTING PACKING FORM

Please send in a copy of this completed form with your rubber goods for testing. Also, please provide a list of employee's number if required. **Please** make sure that when sending in goods to be tested; to include a PO (if required) or an inventory/packing list of the items you are sending in and your name and contact information (also include your billing and shipping information).

Turn around is about 1 week; after receipt of goods

Customer Information

Company Name: _____

Contact Person: _____

Email: _____

Return/Shipping Address

Phone #: _____

Fax #: _____

Billing Address

Method of Payment? Credit Card, Will call for CC information
P.O. # _____ Other _____

Type of good sent in for Testing & Quantity: LIST QUANTITY SENT:

GLOVES: _____ SLEEVES: _____ BLANKETS: _____ LINEHOSE: _____
HOTSTICKS: _____ JUMPERS/GROUNDS: _____ MISC: _____

Testing instructions: Please check the instruction you would like.

Stamp Date: Test date only Expiration Date only Test date & Expiration date

Failures: Replace failures Do not Replace Call for Replacement
Replace from customer stock or spares _____

What to do with Failures? Return failures Do not Return Failure

Customer Glove ID: TMD Certifications # _____ Customer ID # or Employee name _____
Both TMD Certification # & Customers# _____

Packing: Glove Dust Yes No
Return Gloves & Sleeves Bags _____ or Box _____

<p>SHIPPING ADDRESS: Texas Meter & Device Company 300 S. 8th Street Attn: HV Lab Waco, TX 76701</p>		
<p>For further assistance Please Contact Tools & Safety Equipment Customer Service Phone: (800) 247- 5116 Fax: (254) 799-0266 E-mail: info@texasmeter.com</p>		
		01-07-15

******DO NOT SEND PROTECTORS OR GLOVE BAGS WITH GLOVES... WE CANNOT GUARANTEE THEY WILL BE RETURNED!!!! ******

Texas Meter & Device Tools and Safety Equipment

TOOL REPAIR/CALIBRATION FORM

Please send in a copy of this completed form with tool and/or fax or email. Also, if possible please tag tool with contact information.

Customer Information

Date: _____

Contact Person: _____

Phone #: _____

Company: _____

Email: _____

Fax #: _____

Shipping Address

Billing Address

Is an estimate required? _____ Yes _____ No

If yes, would you like the estimate via _____ Phone Call, _____ Fax or _____ Email?

Method of Payment: _____ Visa or Master Card, We will call for CC.

PO# _____ Other _____

Tool Information: Please provide all information available.

Manufacturer: _____

Catalog/Model #: _____

Serial #: _____

Tool Type: _____

Please give a brief description of the problem:

Please ship tools to: **Texas Meter & Device Company**
Attn: Repair
300 S 8th Street
Waco, TX 76701

For further assistance please contact Tools & Safety Equipment Customer Service:

Phone: (800) 247-5116 Fax: (254) 799-0266 Email: info@texasmeter.com

Thank you for choosing TMD for your tool repair!

