



MIDWEST
UNLIMITED



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www.midwestunlimited.com

LINEMAN SUPPLIES

About Midwest Unlimited



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Defective Material

The manufacturers' warranties apply to all materials sold by Midwest Unlimited. No other warranty expressed or implied is offered. Contact the Customer Service Department at 402-434-5446 for prior authorization before returning defective material.

Sales Desk

Hours

- Monday - Friday, 7:30 am to 5:30 pm CDT

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To Our Friends,

Since our beginning in 1947 as a machinery and supply house, Midwest Unlimited has offered products and services to contractors throughout the Midwest. Now we bring to you the most complete offering of lineman supplies, rigging, tower and steel erection components, fall protection and supplies in the industry. We will continue to offer the best service, delivery, products and knowledge that we consistently have for the past 67 years. Enjoy the catalog and look for future updates debuting more of our extensive product and service offerings. We look forward to serving you.

Jim Krupicka

Jim Krupicka
Midwest Unlimited



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Fall Protection 2-29

Lineman Belts.....	2-6
Harnesses.....	7-9
Positioning Straps.....	10-12
SRLs.....	13
Lanyards.....	14-15
Cable Climb.....	16
Cable Grabs.....	17
Bucket Restraint.....	18
Rescue.....	18-19
Gaffs & Pads.....	20-24
Parts & Accessories.....	25-27
Lineman Kits.....	28-29

Bags, Buckets & Boards 30-49

Tool Holsters.....	30-31
Tool Holders.....	32
Tool Tethers.....	32-33
Bolt Bags & Pouches.....	34-35
Buckets & Bags.....	36-39
Equipment Bags.....	40-42
Bucket Aprons.....	43-44
Bucket Boards.....	44-45
Hooks.....	46
Bucket Holsters.....	47
Glove & Sleeve Bags.....	48-49

Safety 50-67

Rubber Insulating Gloves.....	50
Glove Protectors.....	51-52
Utility Gloves.....	52-53
Work Gloves.....	54-55
Blankets & Clamps.....	56
Hard Hats & Accessories.....	57-58
Safety Glasses.....	58-59
Training Courses, Books & Aids.....	60-62
Rodeo Equipment.....	63
Signs & Marking.....	64-65
First Aid.....	66-67

Rope 68-69

Utility Rope.....	68
Tow Rope.....	69

Rigging 70-79

Handlines and Hooks.....	70-71
Anchors.....	72
Rope Blocks.....	73
Hoists.....	74
Capstan & Mounts.....	75
Wire Rope Blocks.....	76
Shackles & Hooks.....	77
Slings.....	78-79

Grounding 80-83

Exothermic Grounding.....	80
Jumpers.....	81
Grounding Sets.....	82
Ground Rod & Drivers.....	83
Grounding Mats.....	83

Insulated Tools 84-95

Pliers & Cutters.....	84-85
Knives.....	86
Drivers & Sockets.....	86-87
Wrenches.....	88-89
Tool Kits.....	90
Load Break.....	91
Hot Sticks.....	92-93
Hot Stick Accessories.....	93-95

Non-Insulated Tools 96-119

Screwdrivers.....	96-97
Nut Drivers.....	97
Wrenches.....	98-100
Hex Sets.....	101
Sockets.....	102
Pliers.....	103-105

Cutters.....	105-108
Crimpers.....	109
Drill and Bits.....	109
Grips.....	110-111
Cable Prep.....	112-115
Hammers.....	116
Knives.....	117-119

Measuring & Testing 120-127

Tapes, Wheels & Poles.....	120
Levels.....	120
Transits.....	121
Digital Measuring.....	121
Multimeters.....	122
Clamp Meters.....	123-124
Tension Meters.....	125
Dynamometers.....	125
Voltage Testers.....	126
Radios & Accessories.....	127

Ladders 128-129

Lights 130-137

Flashlights.....	130-133
Headlamps.....	134-135
Truck Lights.....	136-137

Workwear 138-150

FR Clothing.....	138-140
FR Outerwear.....	141-144
FR Headwear.....	145
FR Hi-Visibility.....	146
FR Rainwear.....	147
Boots.....	148-150

Misc

Sizing Charts, Lineman Belts.....	2
Sizing Charts, Clothing.....	151
Index.....	153

Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits

Ordering Tool Belts

A properly sized belt is one of the most important considerations in the purchase of a lineman's tool belt. An improperly sized belt is uncomfortable and may cause an accident or injury.

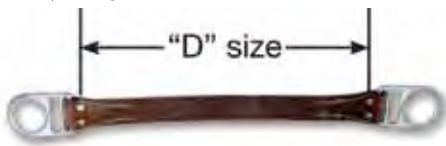
ALL LINEMEN'S TOOL BELTS MUST BE ORDERED ACCORDING TO YOUR "D" SIZE.

KNOW THE JOB AND REQUIREMENTS

Check before you order to find out the requirements for the equipment you need for the job.

SELECT BELT STYLE

- Full Floating belts allow D-rings to move laterally during use.
- Semi-Floating belts and Fixed-Style belts do not allow D-rings to move laterally during use.



FIND YOUR "D" SIZE

1. Locate the point where the heel of the "D" ring should rest. As illustrated, this is approximately 4" down from the top of the hip bone.
2. Begin to measure from the front of the hip bone around the back, to the front of the other hip bone. This is your D Size.



Illustration courtesy of Bashlin®

- When a properly sized tool belt is worn, the D-rings will point nearly straight ahead and the tongue adjustment will be in the center holes

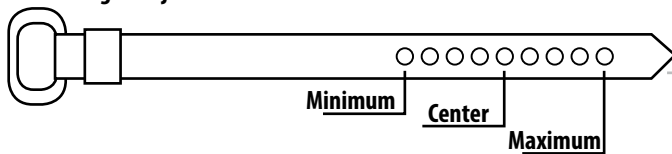


Illustration courtesy of Bashlin®

TO ENSURE PROPER BODY BELT SIZING ALWAYS TAKE YOUR "D" MEASUREMENT USING A TAPE OR MANUFACTURER PROVIDED SIZING BELT. NEVER RELY ON YOUR CURRENT BODY BELT D SIZE.

Sizing Range for Bashlin Belts PER ASTM F887

2 D-Ring Tool Belts					4 D-Ring and Back Support Belts		
D Size Inches	Minimum	Center Hole	Maximum	Tool Loops	D Size Inches	B-Series	Upper Tongue G-Series/4D
D18	32	36	40	3	D18	29-36	33-39
D19	33	37	41	3	D19	30-37	35-41
D20	34	38	42	3	D20	31-38	35-41
D21	36	40	44	4	D21	32-39	37-43
D22	37	41	45	4	D22	33-40	37-43
D23	38	42	46	4	D23	34-41	39-45
D24	40	44	48	4	D24	35-42	39-45
D25	41	45	49	4	D25	36-43	41-47
D26	42	46	50	4	D26	37-44	41-47
D27	44	48	52	4	D27	38-45	43-49
D28	45	49	53	4	D28	39-46	45-51

Sizing Range for Buckingham® Belts

Use the measurement you took around the back at the hips in the first column. Follow it over to the class of belt you are ordering to determine the size to order.

D Size Measurement	SIZE TO ORDER	
	Class 1 Belt	Class 2 Belt
16"	18	20
17"	19	21
18"	20	22
19"	21	23
20"	22	24
21"	23	25
22"	24	26
23"	25	27
24"	26	28
25"	27	29
26"	28	30
27"	29	31*
28"	30	32*

* Non-Standard Size

Class 1 Belts: 2000M, 2000EM, 20003M, 20005M, 20006M, 2100M, 2107M, 1988M, 1958, 1962M 16955M, 1902, 1993F, 1994F, 1995FR, 4200

Class 2 Belts: 2012M, 2013M, 2014M, 2015M, 2017M 2018M,m 20181M, 2019M

Sizing Range for DBI Belts

D Size Inches	Minimum	Center Hole	Maximum
D18	32	36	40
D19	33	37	41
D20	34	38	42
D21	36	40	44
D22	37	41	45
D23	38	42	46
D24	40	44	48
D25	41	45	49
D26	42	46	50
D27	44	48	52
D28	45	49	53

Fall Protection and Climbing Equipment

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Bashlin® The Floridian

- Superior design and performance make this belt the industry standard.
- Combines a padded, contour cushion section with flares for the shifting D-rings and a 5½" back.
- Excellent support and comfort
- Practical with wearable quality

Floridian Brown

BAS88	D18-D28	\$398.00
	D29-D32	\$445.00

Sizes D29-D32 cannot be Cancelled or Returned

Maverick Black

BAS88X	D18-D28	\$412.00
	D29-D32	\$459.00

Sizes D29-D32 cannot be Cancelled or Returned

Bashlin® EZ Rider™ Lineman's Tool Belt

- Unique "seat" built into the cushion for support and comfort - supports the lower abdomen, reducing leg discomfort and numbness
- Soft, durable cushion and comfortable padding
- Top grain leather back and tongue
- Contoured leather-reinforced seat promotes proper wear
- Neoprene-coated nylon and quality harness leather eliminates D-ring drooping
- S-shaped D-Rings for easier engagement of pole strap or secondary lanyard
- Right-sized D-rings for WPFDR Devices
- Dramatically improves "on the pole" comfort
- Easily connects Pole Lariats, Pole Chokers, Cynch-Loks and similar WPFDRs while working in the belt
- Lower D-Rings are for the WPFDR device while the upper D-Rings are for a pole strap or secondary lanyard.

Nylon Cushion D-Ring Size

BAS88UX4DMP	D18-D28	\$455.00
	D29-D32	\$502.00

Sizes D29-D32 cannot be Cancelled or Returned

Leather Cushion D-Ring Size

BAS88UX4DCC	D18-D28	\$483.00
	D29-D32	\$530.00

Sizes D29-D32 cannot be Cancelled or Returned

Bashlin® The Dakota

- Features a 6 ply nylon tongue and buckle
- 5½" wide contour cushion section is padded and made with suede like split leather, is comfortable and makes it easier for the lineman who has trouble keeping his belt in position
- Offers a full shifting "D" saddle and semi-floating design at an economical price

BAS76	D18-D28	\$292.00
	D29-D32	\$339.00

Sizes D29-D32 cannot be Cancelled or Returned

DBI® 2D Lineman Belt

- Rolled edges add durability and comfort
- Tongue buckle style belt
- 2 large S-shaped full-floating D-rings
- Made with 100% top grain leather from Red Wing, MN
- Tool snaps, rings, tape thong
- Metal ID plate with vinyl label, equipped with i-Safe™ for easy inspection management
- Capacity: 310 lbs
- Available in sizes D18 through D30

DBI1001381	D20-D28	\$297.00
	D29-D30	\$312.00

Specify D-Size when ordering.

DBI® Seat-Belt™ 4D Lineman Belt

- Built-in contoured comfort and support seat
- Unique design raises center of gravity
- Rolled edges add durability and comfort
- Tongue buckle style body belt, with stainless steel grommets
- Gut strap with locking quick connect buckle
- 2 large S-shaped full-floating D-rings at hips
- 2 small D-rings for fall restrict device
- Made with 100% top grain leather
- Tool snaps, rings, tape thong
- Metal ID plate with vinyl label, equipped with i-Safe™ for easy inspection management
- Capacity: 310 lbs
- Available in sizes D18 through D30

DBI1001394	D20-D28	\$425.00
	D29-D30	\$452.00

Specify D-Size when ordering.

Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits



Buckingham® Full Float Body Belt

- Hand crafted of the highest quality leather
- Full float body belt with a 5½" foam cushioned pad reinforced with rawhide lace.
- Belt strap is leather with a nylon center to provide strength and longer life
- Floating D-Rings provide 4" lateral movement to reduce wear on the pole strap.
- Weighs 5.53 lbs
- Available in Burgundy, Black or Brown

BUC2000M **\$345.00**
Specify D-Size and color when ordering.



Full Floating 4-D Belt

• Same as the BUC2000M above, plus:

- 4 floating in-line D-Rings for a 4" lateral movement -- reduces wear on the pole strap
- Weighs 7 lbs.
- Available in Burgundy, Black or Brown

BUC2000EM **\$384.00**
Specify D-Size and color when ordering.

10" Leather Stacked-D Belt

• Same as the BUC2000M above, plus:

- Stacked D-rings. The additional D-rings are ideal for use when a secondary lanyard is used to climb over obstructions.
- 9" foam cushioned pad reinforced with rawhide lace, bridge pieces and belt straps crafted of leather with a nylon center to provide strength and longer life, and full floating primary dee rings that provide 4" lateral movement to reduce the wear on the pole strap.
- 2 large full float double bar dee rings
- 2 small dee rings
- Removable MAN RATED gut strap (Must be used with a Buckingham® provided MAN RATED gut strap)
- Weighs 9.2 lbs
- Available in Burgundy, Black or Brown

BUC2107M **\$495.00**
Specify D-Size and color when ordering.



8½" Leather Stacked-D Belt

• Same as the BUC2000M above, plus:

- Stacked D-rings. The additional D-rings are ideal for use when a secondary lanyard is used to climb over obstructions
- 5 ½" foam cushioned pad reinforced with rawhide lace, bridge pieces and belt straps
- Crafted of leather with a nylon center to provide strength and longer life, and full floating primary D-rings that provide 4" lateral movement to reduce the wear on the pole strap.
- 2 large full float double bar D-rings
- 2 small D-rings
- 9" back pad
- Waist strap only; no upper gut strap
- Weighs 7.32 lbs
- Available in Burgundy, Black or Brown

BUC2100M **\$405.00**
Specify D-Size and color when ordering.



Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits



Buckingham® Dri-Lex Mobility Belt

- A single Man-rated gut-strap, no lower belt or buckle allowing greater freedom of movement during a climb
- Lower D-rings are a full floating design for easy positioning.
- Upper stacked D-rings are for climbing with a fall protection device
- Upper strap is bound to the lower work positions by 1¾" web
- Fully padded 9" Drilex high back wicks moisture away from your body

BUC20181M **\$395.00**

Specify D-Size when ordering.



Buckingham® - Light Weight Full Float Body Belt • 4-D

- Dri-lex® lined
- Stacked D-rings
- 2 large full float double bar D-Rings
- 2 small D-rings
- Back support; no gut strap
- Weight 6.72 lbs
- 4-D Body Belts are Patent Pending

BUC2019M **\$355.00**

Specify D-Size when ordering.



Buckingham® Light Weight Full Float Body Belt • Dri-Lex

- 8" backsaver to provide support and relieve lower back strain
- Choice of 2 or 4 work positioning D-rings
- 4-D body belts are Patent Pending

BUC2013M Standard D-Ring **\$277.00**

BUC2015M Dual D-Rings **\$315.00**

Specify D-Size when ordering.



BUC2013M



Buckingham® Light Weight Full Float Body Belt • Stacked

- Dri-Lex® lined
- Stacked dee rings
- 2 large full float double bar D-Rings
- 2 small dee rings
- Removable MAN RATED gut strap (Must be used with a Buckingham® provided gut strap)
- 4 Dee Body Belts are Patent Pending

BUC2018M **\$370.00**

Specify D-Size when ordering.



BUC2015M

Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits

Buckingham® Drilex Gut Strap



- Designed for comfort and functionality.
- Sponge lined pad relieves irritation when bending
- Connection straps and snaps slide on the waist strap for aligning to suspension deerings on a body belt.
- Supports up to 25 lbs. NOT MAN RATED.

	Belt Size	Waist Size	
BUC62531S	S	28-32	\$76.00
BUC62531M	M	32-36	\$76.00
BUC62531L	L	36-40	\$76.00
BUC62531XL	XL	40-44	\$76.00

Buckingham® Gut Strap



- A heavy duty 1 3/4" leather waist belt with 4 buckles and snaps designed to help support the tool belt and it's contents.
- Not intended to solely support belt without the help of a body belt waist strap.

	Belt Size	Waist Size	
BUC6257S	S	28-32	\$52.00
BUC6257M	M	32-36	\$52.00
BUC6257L	L	36-40	\$52.00
BUC6257XL	XL	40-44	\$52.00



Buckingham® Man Rated Gut Strap

- Can be used with any 2-D body belt and is completely adjustable for users comfort.
- Features 5000lb man rated connections, leather lined strap, and standard tongue buckle

	Belt Size	Waist Size	
BUC6263S	S	28-32	\$76.00
BUC6263M	M	32-36	\$76.00
BUC6263L	L	36-40	\$76.00
BUC6263XL	XL	40-44	\$76.00

Bashlin® Supporter Strap (Gut Strap)

- Distributes the weight of the belt and tools.
- Top quality 1 3/4" russet leather, has four adjustable drop straps
- The 81 belt is sized by waist size. Add 4"-6" to the waist size to compensate for clothing.
- THIS IS NOT A SAFETY BELT
- Designed to only support the weight of the belt and tools. The tool belt must support the lineworker. Using the tool belt with a supporter belt to create a saddle is completely wrong. Accidents with injury or death may result
- Available in Waist sizes 30-48. Other sizes available by Special order.



BAS81 **\$46.00**

Specify Waist Size + 4-6" when ordering.

Buckingham® Nylon Suspender

- Woven nylon with leather shoulder pads
- Disburses the weight of the belt and tools
- Not intended to support belt by itself
- Never detach the waist belt tongue buckle
- Straight keeper snap used to attach suspender to the body belt (25 lbs. max support)
- One size fits all, Adjustable.

BUC6259 **\$58.00**



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DBI® ExoFit NEX™ Arc Flash Harness

- Tested to perform in accordance with the ASTM F887-11 arc flash standard
- Arc flash hybrid padding for safety and comfort
- FR webbing with Nomex® exterior and Kevlar® core
- Revolver™ torso adjusters are simple and fast to adjust and lock into place
- Duo-Lok™ quick connect buckles are made of aluminum and lock web into place
- Tech-Lite™ stand-up PVC coated aluminum back D-ring is non-conductive, lightweight
- Arc flash rated trauma straps
- Integrated leather insulators built-in behind buckles to prevent metal contact
- Built-in carrying pocket, reflective material and molded lanyard keepers.

DBI1103085	S	\$494.00
DBI1103086	M	\$494.00
DBI1103087	L	\$494.00
DBI1103088	XL	\$494.00
DBI1103089	2XL	\$499.00



DBI® ExoFit NEX™ Lineman Arc Flash Harness with 2D Belt

- Arc flash rated Nomex®/Kevlar® shoulder padding
- Duo-Lok™ quick connect chest and leg straps
- Leather insulators
- Nomex®/Kevlar® webbing
- Built-in lanyard keepers
- Revolver™ vertical torso adjusters
- Impact Indicator and built-in reflective materials
- Protected labels, equipped with i-Safe™
- Tongue buckle style lineman body belt
- 2 large S-shaped full-floating D-rings at hips
- Belt - 100% top grain leather from Red Wing, MN
- Built-in tool snaps, rings and tape thong
- Available in belt sizes D18 through D30

	Harness Size	Belt D Size	
DBI1113675	S	D20	\$728.00
DBI1113676	S	D21	\$728.00
DBI1113677	S	D22	\$728.00
DBI1113678	S	D23	\$728.00
DBI1113681	M	D22	\$728.00
DBI1113682	M	D23	\$728.00
DBI1113683	M	D24	\$728.00
DBI1113684	M	D25	\$728.00
DBI1113688	L	D25	\$728.00
DBI1113689	L	D26	\$728.00
DBI1113690	L	D27	\$728.00
DBI1113691	XL	D25	\$728.00
DBI1113692	XL	D26	\$728.00
DBI1113693	XL	D27	\$728.00

DBI® ExoFit NEX™ Lineman Vest-Style Harness with 2D Belt

- Hybrid shoulder comfort padding
- Stand-up Tech-Lite™ aluminum back D-ring
- Duo-Lok™ quick connect chest and leg straps
- Nylon webbing
- Built-in lanyard keepers
- Revolver™ vertical torso adjusters
- Impact Indicator
- Protected labels, equipped with i-Safe™
- Tongue buckle style lineman body belt
- 2 large S-shaped full-floating D-rings at hips
- Belt made with 100% top grain leather from Red Wing, MN
- Built-in tool snaps, rings and tape thong
- Available in belt sizes D18 through D30

	Harness Size	Belt D Size	
DBI1113511	S	D20	\$490.00
DBI1113512	S	D21	\$490.00
DBI1113513	S	D22	\$490.00
DBI1113517	M	D22	\$490.00
DBI1113518	M	D23	\$490.00
DBI1113519	M	D24	\$490.00
DBI1113520	M	D25	\$490.00
DBI1113521	M	D26	\$490.00
DBI1113524	L	D24	\$490.00
DBI1113525	L	D25	\$490.00
DBI1113526	L	D26	\$490.00
DBI1113527	L	D27	\$490.00
DBI1113529	XL	D25	\$490.00
DBI1113530	XL	D26	\$490.00
DBI1113531	XL	D27	\$490.00



DBI® ExoFit™ XP Arc Flash Harness • Dorsal/Rescue

Web Loops

- Removable Nomex®/Kevlar® shoulder, back and leg comfort padding
- Back web loop
- Front web rescue loops
- Quick connect chest and leg straps
- Leather insulators
- Nylon web construction
- Protected labels, equipped with i-Safe™

DBI1110964	S	\$358.00
DBI1110840	M	\$358.00
DBI1110841	L	\$358.00
DBI1110842	XL	\$358.00
DBI1110963	2XL	\$375.00



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Bashlin® 683 X Series Harness

All styles are made of durable nylon webbing that meets the ASTM F887 Arc Flash requirements for use near energized lines

3" Nylon Loop in Back

• **BAS683XA** has pass-through friction buckles and a nylon loop for the lanyard attachment in the back. Caution-use only a carabiner or fabric loop to secure the lanyard to the nylon loop on the harness back.

BAS683XAS	S	\$72.00
BAS683XAM	M	\$72.00
BAS683XAL	L	\$72.00
BAS683XAXL	XL	\$72.00
BAS683XA2X	2XL	\$72.00

24" Extension Back Attachment with D-Ring

• **BAS683XC** has pass-through friction buckles and a back attachment with a 2 foot extension (removes weight from the back) with a small D-ring on the end for lanyard attachment (max lanyard Length of 4 ft). Hook-n-Loop material keeps the extension out of the way when it is not in use

BAS683XCS	S	\$92.00
BAS683XCM	M	\$92.00
BAS683XCL	L	\$92.00
BAS683XCXL	XL	\$92.00
BAS683XC2X	2XL	\$92.00

3" Metal D-Ring in Back

• **BAS683XD** has pass through friction buckles and a 3 inch D-Ring for lanyard attachment.

BAS683XDS	S	\$71.00
BAS683XDM	M	\$71.00
BAS683XDL	L	\$71.00
BAS683DXL	XL	\$71.00
BAS683XD2X	2XL	\$71.00



BAS683XA



BAS683XC



BAS683XD

Buckingham® H Series Harness FR Rated

- Kevlar mesh shell is designed to breathe
- FR foam padded shoulder and leg pads for added overall comfort.
- Hook and loop chest strap that meets ANSI Z359.1 requirement.
- Patented split tongue quick connect buckles with leather chafes on the leg straps.
- Spring loaded friction buckles for height adjustment. Made from nylon webbing with silver upper and black lower sections.
- Meets ASTM F887 Electric Arc Performance Requirements.
- **Back Attachment Options:**



With a 18" dorsal pigtail with a small deer ring to attach a 4 1/2' shock absorbing lanyard.

BUC637G8C500CK1S	S	\$335.00
BUC637G8C500CK1M	M	\$335.00
BUC637G8C500CK1L	L	\$335.00
BUC637G8C500CK1XL	XL	\$335.00



BUC637G8C500CK1S

With a web dorsal loop attachment

BUC637G8C700K1S	S	\$326.00
BUC637G8C700K1M	M	\$326.00
BUC637G8C700K1L	L	\$326.00
BUC637G8C700K1XL	XL	\$326.00

BUC637G8C700K1S



Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits

Buckingham® 'X' Style Full Body Harness

- 'X' style full body harness with a web dorsal loop attachment
- Interlocking torso and leg strap buckles with leather chafes
- Reinforced web front loop for rescue or rope/cable grab
- Chest strap sewn above web loop.
 - Made from Type 13 nylon webbing with orange upper and lower sections.
 - Meets ASTM F887 Electric Arc Performance Requirements.

BUC603B3700S S **\$86.00**

BUC603B3700M M **\$86.00**

BUC603B3700L L **\$86.00**

BUC603B3700XL XL **\$86.00**

Buckingham® 'X' Style Full Body Harness with a Web Dorsal Loop

- The Buck Mini Back Pad harness is comfortable and easy to don.
- Unique shoulder pads are made from sateen fabric with fire resistant padding.
- Patented quick connect buckles at the front and leg straps for easy donning
- Web loop at the sternum
- 5000 lb rated nylon dorsal loop that eliminates metal and allows user to girth hitch their shock absorber (can be ordered with a dorsal D-Ring)
- Sizes S-XL

BUC603S8C700K4 **\$186.00**

Klein® Fall-Arrest Harness - Klein-Lite®

- Lightweight polyester construction for comfortable all-day use, and improved chemical resistance compared to nylon.
- One universal size fits most people.
- Straps have friction-style buckles for a wide range of sizing adjustments
- Friction slide adjusters hold shoulder straps in place - no need to readjust for each use
- Drop-forged circle D-ring has corrosion-resistant finish, wear-minimizing roller, and is proof-loaded to meet OSHA regulations.
- Easily adjusts for proper fit and function.
- Seat strap adds extra comfort and support.
- Certified and compliant with ANSI and CSA

LEG STRAP TYPE

KLE87141 Tongue Buckle **\$94.00**

KLE87140 Easy-Connect **\$71.00**

KLE87150 Set* **\$146.00**

*Set includes Harness KLE87140 and Lanyard KLE87473: Energy-absorbing polyester inner core; Orange tubular nylon webbing outer shell; Two Klein-Lok® snap hooks.

Klein® Fall-Arrest Harness

- Durable 1¼" Type 13, or equivalent, nylon webbing harness construction.
- Tongue buckles with grommeted leg straps
- Waist strap has friction-style buckle
- Allows insertion of an existing positioning belt through 5" backstrap loops
- Friction slide adjusters hold shoulder straps in place - no need to readjust for each use
- Drop-forged circle D-ring has corrosion-resistant finish, wear-minimizing roller, and is proof-loaded to meet OSHA regulations.
- Easily adjusts for proper fit and function.
- Seat strap adds extra comfort and support.
- Certified and compliant with ANSI and CSA requirements.

KLE87020 M **\$121.00**

KLE87021 L **\$121.00**

KLE87022 XL **\$132.00**

KLE87023 2XL **\$132.00**

KLE87473

KLE87141

KLE87140

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Buckingham® Leather Pole Strap

- Leather with woven nylon center
- Tongue buckle
- 99E Locker
- Choice of Length

BUC366099E	6'	\$180.00
BUC366699E	6'6"	\$185.00
BUC367099E	7'	\$195.00

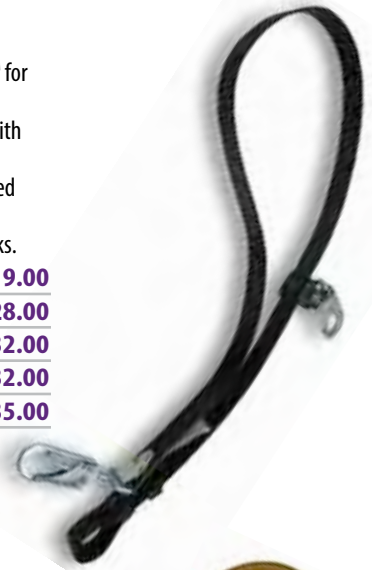
Specify color when ordering:
Available in Black (BL), Brown (BR),
Burgundy (BU)



Buckingham® Neoprene SuperStrap with WebGrab

- Features the patent pending WebGrab™ for easy adjustment.
- No more holes to find or run out of as with conventional positioning straps
- Made from 6 ply neoprene nylon with red warning core.
- Available in any length, has 2 snaphooks.

BUC334299E	5'8"	\$219.00
BUC336099E	6'	\$228.00
BUC336699E	6'6"	\$232.00
BUC337099E	7'	\$232.00
BUC338099E	8'	\$235.00



Buckingham® Positioning Strap

- Neoprene impregnated nylon with tongue buckle
- 99E Locker
- Choice of Length

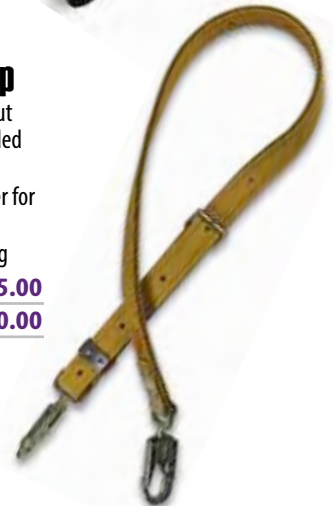
BUC386099E	6'	\$144.00
BUC386699E	6'6"	\$146.00
BUC387099E	7'	\$151.00



Bashlin® Leather Pole Strap

- The latigo leather pole strap is pliable, but durable. The stitches are deeply embedded for longer wear.
- Nylon is sandwiched between the leather for strength
- A tongue and buckle system for adjusting

BAS78A2HL	6'	\$205.00
BAS78B2HL	6'6"	\$210.00



Buckingham® Slide Buckle Pole Strap

- Neoprene impregnated nylon with slide Buckle
- 99E Locker
- Choice of Length

BUC346099E	6'	\$164.00
BUC346699E	6'6"	\$168.00
BUC347099E	7'	\$169.00



Klein Tools® Adjustable Positioning Strap

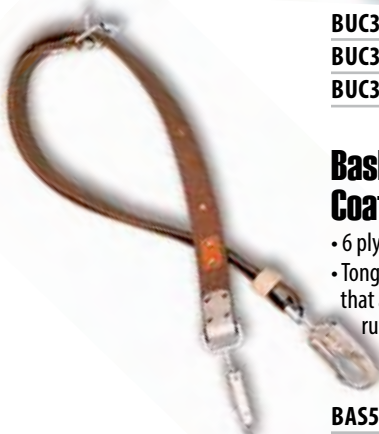
- 1¾" wide
- Made of 6-ply Klein-Kord™ for maximum wear and chemical resistance
- Forged single tongue adjustable buckle
- Two permanently attached drop-forged steel, double-locking Klein-Lok™ snaphooks with 11/16" throat opening
- Snaphooks and tongue buckles have a corrosion-resistant finish
- Red wear indicator located in the center

	Max. Length	Min. Length	Adjustable Range	
KLEKL5295L	5'8"	3'10"	1'10"	\$135.95
KLEKL52956L	6'	4'	2'	\$141.95
KLEKL529566L	6'6"	4'3"	2'3"	\$144.95
KLEKL52957L	7'	4'6"	2'6"	\$146.95
KLEKL52958L	8'	5'6"	2'6"	\$150.95

Bashlin® 6 Ply Neoprene Coated Nylon

- 6 ply neoprene coated nylon
- Tongue buckle adjustment, and snap hooks that are "Linemen Friendly" - even with rubber gloves
- Red wear indicator shows when it is time for replacement

BAS52N2HL	6'	\$155.00
BAS53N2HL	6'6"	\$159.00



Fall Protection and Climbing Equipment

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Petzl® Grillon

Made from low stretch rope, the Grillon is an adjustable lanyard which is ideal for work positioning: it is used either on the 2 lateral attachment points of the harness, or on the front attachment point. The mechanical locking system allows easy adjustment of the length. It is fitted with a sliding protective sleeve to avoid abrasion from the structure. The two ends of the lanyard are stitched and fitted with plastic protectors. The protector also holds the connector in its strongest position and gives a good grip and easy clipping.

Standard Grillon, Choice of Length

PETL52A002	6' 7"	\$180.00
PETL52A003	9' 10"	\$185.00
PETL52A005	16' 5"	\$195.00

Grillon with Hook, Choice of Length

PETL52H002	6' 7"	\$200.00
PETL52H003	9' 10"	\$205.00
PETL52H005	16' 5"	\$215.00

DBI® Pole Climbers Adjustable Rope Positioning Strap

- 8 ft. length
- Ideal for work positioning while pole climbing
- Durable Kernmantle rope with wear indicator
- Abrasion resistant sleeve
- Self locking snap hook at one end, Rope adjuster with carabiner at other end



Hardware Type

DBI1234070	Steel	\$233.95
DBI1234071	Aluminum	\$284.95



Buckingham® Adjustable Positioning Strap

- Woven nylon with friction buckle for easy adjustment
- Perfect for transmission towers, substations, and ladders
- Length: 5' 8"

BUC496099E **\$158.95**



FallSafe® Rope Lanyard

- 5/8" Polydac rope
- 2 locking snap hooks

FLSFS332103	3ft	\$36.95
FLSFS332104	4ft	\$36.95
FLSFS332106	6ft	\$36.95



Elk River® Double Locking Separator Hook

- 9/4" x 2-1/4" x 3/4" Gate Opening
- Fall Rated
- 3600 lb. (3.6M) Gate

ELK13450 **\$37.95**

Bashlin® Pole Lariat • 8 ft

- Only WPPFRD available that allows the lineman to climb a pole in the classic sense
- Red wear indicator for easy inspection
- Connects to the line belt with either:
 - D-Loops (77BCS) that include 3 different sizes for the right fit OR
 - Uniloop (77BCSA) that connects over center belt buckle. **The Uniloop (77BCSA) should not be used on tool belts with "Quick Release" buckles.**

BAS77BCS	D-Loops	\$340.00
BAS77BCSA	Uniloop	\$340.00



Buckingham® Adjustable Web Lanyard Patent Pending WebGrab

- Secondary web lanyard with patent pending Buck WebGrab for easy adjustment.
- Benefits of web with the easy adjustment of rope
- Designed to use when climbing over obstructions.
- 8 ft length

BUC48129W2Y8 **\$240.00**



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Buckingham® SuperSqueeze

- Connector: Carabiner
- Easy one handed outer and inner strap adjustment with the new buck Buckgrab™
- Modular design for easy strap change out:
 - Worn or damaged components or straps
 - Reconfigure to use a rope or web strap
- One disconnect to climb over an obstruction
- Can be used by right or left handed users
- Lightweight design
- For use in climbing up to a Class 1 - 65' Pole/50" Circumference
- Meets ASTM F887-11
- All straps have red warning center
- 3600 lb. Gate rated hardware, Rated to 350 lbs

BUC488W2 **\$575.00**

- 48" Woven Inner Strap with Carabiners, 36" Distribution Outer Strap

BUC488R **\$575.00**

- 70" Rope Inner Strap with Carabiners, 36" Distribution Outer Strap



Buckingham® BuckSqueeze Fall Protection System

- Provides Wood Pole Fall Protection during ascent and descent and protects the user while climbing over obstacles with the use of a secondary lanyard like the BuckAdjuster.™
- Grips the pole if the user starts to fall
- **Distribution Pole** model is for poles up to 50" Circumference (11" Diameter)
- **Transmission Pole** model is for poles up to 90" Circumference (28.7" Diameter)

BUC483D Distribution Poles **\$521.00**

BUC483T Transmission Poles **\$560.00**



Buckingham® BuckAdjuster with All Aluminum Components

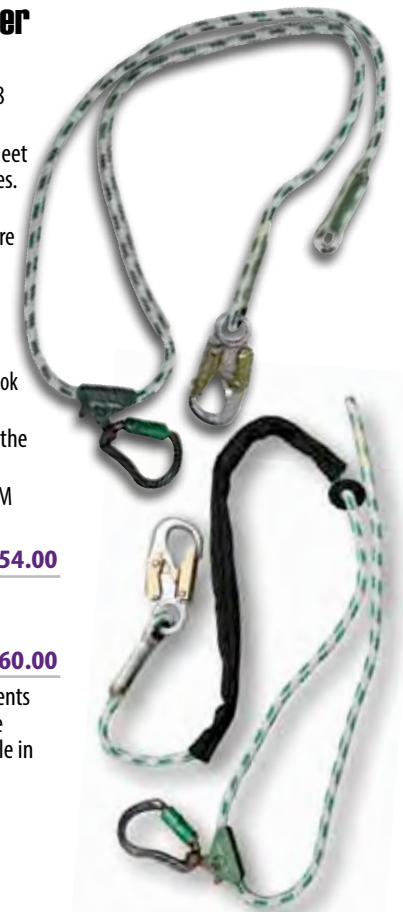
- Lightweight version of our popular 9-8 secondary lanyard.
- Aluminum snap hook and carabiner meet the ANSI requirements for 3600 lb gates.
- Weighs 2.2 lbs - 27% lighter than equivalent lanyards with steel hardware
- Twisted-Eye length adjusting device (LAD) to properly orient it on the users body belt
- Red warning center
- Stitched eye - stow excess on handline hook
- Multicolored snaphook allows user to easily distinguish it from the snaps on the SuperSqueeze or BuckSqueeze.
- Meets applicable ANSI, OSHA and ASTM standards.

BUC9+R-8 **\$254.00**

A clear plastic tube protects the rope. 8' length. (Available in 6', 7' and 9')

BUC9A4+R-8 **\$260.00**

Fabric wear guard. Rubber washer prevents wear guard from getting jammed in the length adjusting device. Remains flexible in the cold.



DBI® Cynch-Lok™ Pole Climbing Devices

- Lightweight pole climbing design
- Extremely durable pole strap with wear indicator
- One-handed effortless adjustment
- Pinch-free ergonomic grips
- Stopping cleat and carabiner
- Lightweight and durable rope adjuster
- Modular design with field replaceable straps
- Protected labels, equipped with i-Safe

Distribution Model:

Min 5.5" Dia/17.5" Cir
Max 18.5" Dia/58" Cir

Transmission Model:

Min 5.5" Dia/17.5" Cir
Max 30.5" Dia/96" Cir

Durable polyester web

DBI1204075 Distribution Model **\$452.00**

DBI1204076 Transmission Model **\$524.00**

Durable Kernmantle rope w/ wear indicator and abrasion resistant sleeve

DBI1204057 Distribution Model **\$454.00**

DBI1204058 Transmission Model **\$524.00**



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GUA10900

Guardian™ 11 ft Web Retractable Lifeline 1" x 1" Nylon Webbing with Carabiner and Swivel Top

- Ergonomic frame to make handling more comfortable for the user
- Lightweight and features a durable aluminum housing
- Aramid Fiber webbing features a Kevlar core
- Offers dependable performance with its quick-action braking system
- Stainless steel & non-corrosive components
- Meets or exceeds all applicable OSHA and ANSI standards. No recertification is required with this product as it is considered a disposable unit.
- Manufactured in the USA

GUA10900	Snap Hook	\$145.95
GUA10901	Rebar Hook	\$176.95

Protecta® Rebel™ Self Retracting Lifeline

- Rugged aluminum or thermoplastic housing
- Ergonomic carrying handle
- Unique speed sensing brake
- 420 lb. capacity
- Swiveling anchorage, with carabiner
- Swiveling hook
- Galvanized cable (stainless steel cable available)



Thermoplastic Housing	Length	Wt (lbs)	Price
PRO3590500	33'	13.50	\$445.00
PRO3590550	50'	17.30	\$601.00
PRO3590590	66'	22.00	\$820.00
PRO3590630	82'	28.60	\$1,001.00
PRO3590670	100'	29.50	\$1,206.00

Aluminum Housing	Length	Wt (lbs)	Price
PRO3590510	33'	13.50	\$445.00
PRO3590560	50'	17.30	\$601.00
PRO3590600	66'	22.00	\$820.00
PRO3590640	82'	28.60	\$1,001.00
PRO3590680	100'	29.50	\$1,206.00

DBI® Talon® SRL

Talon self-retracting lifelines are engineered for reliable protection that locks when it should, won't lock when it shouldn't. The extremely lightweight design of the swiveling anchorage loop gives you freedom of movement without compromising safety. Due to its size and weight, Talon is ideal when you need to move from one location to another often or when your work area is limited in size such as on an order picker. Includes snaphook.

DBI3101009	8'	\$258.00
DBI3101051	16'	\$333.00



DBI® Nano-Lok™ Arc Flash Self Retracting Lifeline with Anchor Hook - Kevlar®

- Arc flash rated
- 8 ft. of 3/4" Kevlar® web lifeline
- i-Safe™ equipped
- Wide variety of configurations available
- Extremely compact, lightweight design
- Tough and impact resistant thermoplastic housing
- Quick activating speed sensing brake system
- Swiveling anchorage loop with 13" web extension and aluminum snap hook
- High capacity energy absorber and impact indicator protected by Kevlar® fiber cover

Choice of Lifeline End

DBI3101574	Web loop choker	\$305.00
DBI3101575	Aluminum self-locking carabiner	\$295.00



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DBI® EZ Stop® II Arc Flash Shock Absorbing Lanyard

- Snap hook •Web loop
- All EZ Stop® II lanyards utilize a controlled tearing action when subjected to fall arrest forces, limiting arresting forces to no more than 900 lbs.
- Meets Arc Flash Standard ASTM F887-05
- Electric Arc tested to 40 cal/cm2
- 1" polyester webbing incorporates Resist Technology - an extruded polyurethane coating for ultimate protection, durability
- Resistant to grease, oil and dirt - Easy to care for, just wipe clean in seconds
- Nomex®/Kevlar® shock absorbing cover for protection
- Nomex®/Kevlar® web loop at one end to reduce weight and electrical conductivity (ideal for dorsal web loop arc flash harnesses)
- Self locking snap hook at the other end
- 6 ft. in length
- Meets or exceeds all applicable industry standards OSHA, ANSI and ANSI Z359

DBI1240861 **\$140.00**

DBI® ShockWave™2 Arc Flash Web Loop Shock Absorbing Lanyard

- Elastic Nomex®/Kevlar® web
- Web loop choker at one end, snap hook at other end
- Arc flash rated
- 6 ft. single-leg lanyard
- Stretches in reaction to your movements
- Nomex®/Kevlar® fire resistant webbing
- Energy absorbing - limits fall arrest forces
- Built-in impact indicator
- Protected labels, equipped with i-Safe™

DBI1244611 **\$160.00**

Elk River® FireMaster™ Kevlar® Energy-Absorbing Lanyard

- 1¾" Kevlar® webbing x 6' length
- Zsnaphooks on each end, 3.6M Gate

ELK95016 **\$128.95**

Buckingham® Buckyard™ Shock-Absorbing Lanyard

- For full body harness with steel ring dorsal attachment.
- Interior materials stretch to reduce the arresting force to less than 900 lbs.
- 17061 locking snap hook on both ends
- Overall Length-4.5ft, Absorber expands to 42"
- Meets ANSI Z359.12-2009 for a 3600 lb. gate.

BUC8VV114.5+Z **\$66.00**

Buckingham® Buckyard Lanyard

- For full body harness w/web loop dorsal attachment
- 17061 locking snap hook on one end and web loop on the other end.
- Interior materials stretch to reduce the arresting force to less than 900 lbs.
- Overall Length-6ft, Absorber expands to 42"
- Meets ANSI Z359.1-2007 for a 3600 lb. gate

BUC84V116+Z **\$55.00**

Buckingham® Auxiliary Lanyard

- Adjustable web lanyard that can be used as a second positioning strap to secure a user when climbing over obstacles.

BUC4812Y **\$102.00**

Elk River® Adjustable Web Lanyard with Centurion Auto-Lock Snaphooks

- 1" nylon
- Adjustable
- Centurion auto-lock snaphook with 3/4" throat opening on each end

ELK29506 1" x 6' **\$48.95**

ELK29510 1" x 10' **\$49.95**

ELK29508 1" x 8' **\$49.95**

Fall Protection and Climbing Equipment

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Bashlin® Shock-Absorbing

- Made from 1 inch nylon webbing and features the low profile B-Lan shock absorbing device.
- Meets ANSI Z359.1 for webbing, performance, and hardware gate strength.
- Complies with the ASTM F887 Arc Flash requirements
- Length: 6ft

BAS2004NWB6HL **\$65.00**



Bashlin® Shock-Absorbing Lanyard

- Made especially for harnesses with no D-Ring on the back, but also for anyone who wants to remove the weight of the snaphook from the back
- Meets ANSI requirements as well as the ASTM F887 Arc Flash requirement.
- Length: 6ft

BAS2005NWB6HL **\$53.00**



Bashlin® Shock-Absorbing Lanyard

- Adjustable B-Lan is made from 1 inch woven nylon, with 6678 snaphooks.
- Snaphooks have heavy duty gates that meet the ANSI Z359.1 standards, and 3/4" openings.
- Max length is 6 feet, and it will adjust down to nearly 3 1/2 feet.
- Meets ASTM F887 Arc Flash standards.
- Length: 6ft

BAS2006NWB6HL **\$68.00**

Elk River® resQue™ CORD System Energy-Absorbing Web Lanyards • 1 1/4" x 6' Zsnaphook

- Nylon & polyester web
- 1 1/4" X 6' / NoPac® resQue™ CORD System Energy-Absorbing Lanyard
- Zsnaphook each end

ELK35826 **\$120.00**



Buckingham® Ratcheting Anchor Boom Strap

- Designed to be used when your aerial boom truck has no anchor point, or your anchor point is in an inconvenient location
- Inside of strap is lined with gum rubber to eliminate slippage on the boom
- A ratchet is used to cinch the strap snugly on the boom.
- Standard length is 50".
- Rated to 5000 lbs.

BUC3809R **\$55.00**

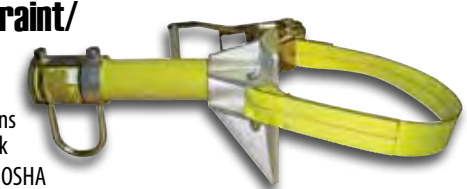


Hastings® Fall Restraint/Anchor Point

- Provides isolation from potential differences by means of the fiberglass isolation link
- Designed to meet 5,000 lbs. OSHA requirements for fall restraint
- Fiberglass section has solid foam core
- Insulation / Isolation distance between metal castings is 6"
- Can be used to secure the line workers safety belt or the worker can attach a retractable lanyard or shock absorbing lanyard
- The large U bolt allows a linesman's safety belt to fit through the eye, singled or doubled, for work positioning
- A ratchet assembly with 44" nylon strap for quick and easy attachment to utility poles

HAS3861 Anchor **\$293.00**

HAS5042 Replacement nylon strap **\$20.00**



Fall Protection and Climbing Equipment

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DBI® Lad-Saf™ Ladder Safety Systems

- Consists of top and bottom brackets that anchor a steel cable running the length of the climbing area. Lad-Saf™ sleeve connects the worker to the system for hands-free climbing and protection.
- Customizable with hundreds of different brackets, styles and configurations
- Corrosion resistant construction utilizing galvanized and stainless steel materials
- Integrated shock absorbing top bracket reduces forces imposed on ladder structure during a fall
- Intermediate cable guides prevent cable wear on the ladder and permits the climber to bypass without disconnecting

DBI® Lad-Saf™ Fixed Ladder Safety System

- For installation on fixed ladders or ladder like climbing surfaces that are part of a structure. Examples: water tank ladders, buildings, manways, antenna structures, and towers

Standard Top Bracket

Galvanized top bracket with mounting hardware. For systems up to 499 ft high, fits up to 1½" rung diameter, attaches to 3 rungs, built-in energy absorber.

DBI6116280 \$191.00

Standard top bracket and hardware for systems over 500 ft

DBI6116410 \$206.00

Cable Lifeline

Galvanized cable, ¾" diameter, 1x7 type. Indicate needed length.

DBI6110000 Price depends on length.

Cable Guide

Non-metallic cable guide with mounting hardware. For systems up to 199 ft, fits up to 1½" rung diameter. Must have 1 every 25 ft.

DBI6100400 \$39.50

Cable Guide and hardware for systems over 200 ft.

DBI6100515 \$39.50

Lad-Saf™ X2 Detachable Cable Sleeve

For use with ¾" (8mm) diameter 1x7 or 7x19 solid core cable. Comes with carabiner. Meets OSHA and ANSI standards.

DBI6160030 \$447.00

Standard Bottom Bracket

Fits up to 1½" rung diameter, attaches to two rungs, tensioning device, galvanized

DBI6100090 \$75.20

DBI® Lad-Saf™ Wood Pole Ladder Safety System Bolt-On

- For installation on wood poles
- Galvanized

Top Bracket

Top bracket with energy absorber, galvanized, bolts to wood poles.

DBI6116224 \$120.00

Cable Lifeline

Galvanized cable, ¾" diameter, 1x7 type. Indicate needed length.

DBI6110000 Price depends on length.

Cable Guide

Cable guide, galvanized, bolts to wood pole. Must have 1 every 25 ft.

DBI6100140 \$39.00

Lad-Saf™ X2 Detachable Cable Sleeve

For use with ¾" (8mm) diameter 1x7 or 7x19 solid core cable. Comes with carabiner. Meets OSHA and ANSI standards.

DBI6160030 \$447.00

Bottom Bracket

Bottom bracket with tensioner, galvanized, bolts to wood pole.

DBI6100045 \$73.00



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DBI® Lad-Saf™ Static Wire Rope Grab

- Patented wedging action grips and locks onto cable lifeline
- Attachment ring for connecting to lanyard
- Fits 3/4" - 7 x 19 galvanized or stainless steel cable
- Detachable
- Stainless steel construction

DBI5000338

\$261.00

DBI® Lad-Saf™ X2 Detachable Cable Sleeve

- Sleeve with carabiner for use on Lad-Saf™ fixed ladder system
- For use on 3/8" and 5/16" 1x7 or 7x19 solid core cable
- Mobile design follows user for climbing protection
- Easy to install and detach with one hand anywhere along lifeline
- Primary and secondary locking systems
- Easy to use climbing or descending
- Mechanical and inertial locking system stops falls within inches
- Built-in energy absorber and fall indicator
- Anti-inversion feature prevents incorrect installation
- Saflok™ steel carabiner for secure connection
- Extremely rugged and corrosion resistant
- Extremely compact, lightweight design

DBI6160030



\$447.00

Protecta® Cabloc™ Ladder Safety Sleeve

- For use on fixed ladder safety systems
- Complete hands-free operation
- Arrests a fall within 2 ft
- Travels on a solid core cable affixed to a ladder or pole utilizing an upper and lower bracket

Choose Solid Core Cable Size

PROAC351A 3/8" or 1x7 or 7x19 **\$212.00**

PROAC350A 5/16" or 1x7 or 7x19 **\$212.00**



Tuf-Tug® Wire Rope Grab

- Fits 3/8" wire rope
- Steel construction
- Shock-absorbing
- Extremely durable

TUFTTWRG500

\$142.95

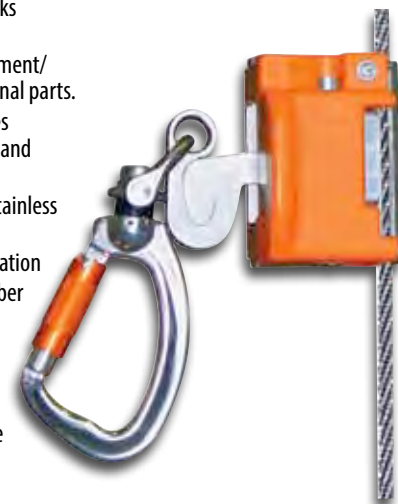


Miller® Vi-Go Automatic Pass-Through Cable Sleeve

- Automatically bypasses intermediate cable guides, keeping both hands free for climbing; travels smoothly along cable and locks instantly in the event of a fall.
- Easy, one-hand operation for attachment/detachment. No pins/chains or external parts.
- Automatic pass-through cable guides secure lifeline to prevent cable wear and accommodate curves.
- Corrosion-resistant aluminum and stainless steel components
- Designed to prevent incorrect installation
- Cable sleeve integrated shock-absorber
 - Provides a "dual shock-absorbing system" and protects the system from damage
 - Once a fall occurs, the deployed shock absorber indicates it must be taken out of service
- Accommodates 5/16" or 3/8" cable

MILVGCSC With carabiner **\$470.00**

MILVGCSSC With swivel carabiner **\$480.00**



Elk River® Wire Rope Grab

ELK19401 3/8" **\$242.95**

ELK19402 5/16" **\$242.95**

Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits



Buckingham® BuckIt™ Restraint System

This system addresses the concern of the OSHA compliance officers allowing a full body harness and 6 foot lanyard to fall from the basket and hit an object below. This unit keeps the user secure in the bucket, while allowing freedom to move and work. In the event of a flash, the BuckIt restraint system allows the user to duck to the inside of the bucket for safety.

System Concept:

- A 10,000 lb. rated nylon strap attached, with a ratchet buckle and cotter pin that places the anchor point at the basket.
- Two attachment points that attach to a work belt with floating D-rings allows freedom of movement while working.
- An energy absorber is attached between the Buck-it Restraint strap and the anchor point on the boom. This unique feature will keep the operator, the basket and the boom from hitting the ground in the event of a catastrophic separation of the bucket from the boom.
- Should the webbing around the basket be severed, the attachment back to the anchor is independent of the webbing around the basket.

BUC125R **\$165.00**



DBI® Suspension Trauma Safety Strap

- Helps prevent the effects of suspension trauma after a fall - Allows worker who is suspended to stand up in their harness to relieve pressure.
- Can be attached to most harness brands/ styles right in the field.
- Installation is fast and efficient—just choke off to strap and it's ready.
- Extremely compact and lightweight design.
- Fool-proof deployment: simply unzip and hook straps together.
- Continuous loop design allows for either one or two-foot suspension relief without pinching.

DBI9501403 **\$30.00**



Bashlin® Rescue Stick

- Hot stick with a large radius hook.
- Designed to remove injured workers from electrical contact
- Tested to 100kV per foot
- 1¼" diameter

BAS270 **\$365.00**

Protective Bag for Rescue Stick

- Durable polyester coated nylon bag made for all hook style fiberglass "Rescue" sticks.
- Snap button closure.

BAS270B **\$43.00**



Buckingham® BuckIt Restraint Mounting Bracket

For buckets with controls on the outside - keeps the webbing against the basket to prevent user getting tangled in webbing while using the controls.

BUC125R2 **\$110.00**

Buckingham® Practice Pole Top Rescue

- Offers the ability to practice without the expense of using a whole pole strap.
- During practice the only part that is cut is the 12" 6-ply neoprene piece that can be used 3 times and is less costly than cutting a pole strap.
- Simulates how difficult it is to cut the pole strap in a real emergency.
- The other components of the system may be reused

BUC38N99E **\$155.00**



Fall Protection and Climbing Equipment

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Buckingham® Hurt Man Bucket Truck Rescue System

- Mounts on boom with strap and D-ring.
- Easy removal for storage when not in use.
- Pulleys are stainless steel with a 5:1 lifting advantage.
- Designed to mount high on the boom to raise up a person wearing a harness and ease to the rescue

BUC3813D1 **\$390.00**

Buckingham® BuckSqueeze Rescue Trainer

- Modified BuckSqueeze unit for hurt man rescue training.
- Offers the ability to train without the expense of destroying a BuckSqueeze unit.
- During practice the only part that is cut is the 12" orange nylon webbing.
- Replace the 12" strip and the unit can be reused.

BUC483M **\$530.00**

BUC483A Replacement Strap **\$16.00**
301/2" Long with 10 holes



Buckingham® High Elevation Self-Rescue System



- Easy self-rescue or rescue someone else from an elevated height
- Complete system
- Descender will automatically stop the user until the user compresses the handle allowing a smooth controlled descent
- Built-in (anti-panic) safety feature stops descent if the user compresses the handle too hard
- Allows the rescuer the advantage of lowering a hurt person with ease as well
- Comes with retrofit rappelling straps that can be added to an existing harness for self-rescue. Other lengths available.

BUC101SR50 50' **\$346.95**

BUC101SR75 75' **\$355.00**

BUC101SR100 100' **\$420.95**



DBI® Saflok™ Pole Anchor System - Advanced

- Allows linemen to "free" climb poles with 100% fall protection.
- Addresses most congested pole scenarios allowing the worker to climb into position around obstructions such as multiple conductors, equipment loaded, vines and foliage
- Climbing is fast, simple and safe and rescuing a fallen worker is fast and easy.
- All critical items stored in a durable weather proof bag.
- Capacity: One user – 310 lbs

Includes:

- Anchor Tube
- 80 ft. of 5/8" High Dielectric Rope
- Installation/Removal Tool
- 2 carabiners
- Rope Grab with Integrated Shock Absorbing Lanyard
- Chain Tensioner
- Web Loop
- Weather Proof Carrying Bag

DBI2104801 **\$863.00**

Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits



Buckingham® Steel Climbers

- Contoured shank or Twisted Shank
- Offset stirrup
- Dowel & screw replaceable gaff
- 21391 nylon foot straps
- Includes standard length sleeves adjusting from 16¼" to 18¾".
- Long sleeves, (19¼" to 21¼") are available - Please call for info and pricing.
- Sold in Pairs

Includes Nylon Foot Straps (BUC21391)

BUCSB94089A Contoured Shank **\$182.00**

BUCSB94089AT Twisted Shank **\$185.00**

Buckingham® Combos • Climbers + Pads

Order together and save. Pads are shown separately on next page.

Includes Nylon Foot Straps (BUC21391)

Combo Part Number	Climber with Bottom Straps		Pads	
BUCSB94089A3202C	=BUCSB94089A	+	BUC3202C	\$325.00
BUCSB94089A3500C	=BUCSB94089A	+	BUC3500C	\$290.00
BUCSB94089A31262649	=BUCSB94089A	+	BUC3126 And Top Strap BUC2649	\$285.00



Buckingham® Titanium Climbers

- Contoured shank or twisted Shank
- Offset stirrup
- Dowel & screw replaceable gaff
- 21391 nylon foot straps
- Includes standard length sleeves adjusting from 16¼" to 18¾".
- Long sleeves, (19¼" to 21¼") are available - Please call for info and pricing.
- Climber with gaff weighs 1 lb. 2 oz.
- Sold in Pairs

Includes Nylon Foot Straps (BUC21391)

BUCTB94089A Contoured Shank **\$335.00**

BUCTB94089AT Twisted Shank **\$338.00**

Buckingham® Combos • Climbers + Pads

Order together and save. Pads are shown separately on next page.

Includes Nylon Foot Straps (BUC21391)

Combo Part Number	Climber with Bottom Straps		Pads	
BUCTB94089A3202C	=BUCTB94089A	+	BUC3202C	\$478.00
BUCTB94089A3500C	=BUCTB94089A	+	BUC3500C	\$445.00
BUCTB94089A31262649	=BUCTB94089A	+	BUC3126 And Top Strap BUC2649	\$440.00

Buckingham® Cushion Wrap Pads

- Hook and loop pad with continuous wrap
- No metal insert and no cinch
- 4"W with 3/4" padding
- Sold in pairs

BUC3500 **\$106.00**



Buckingham® Cushion Wrap Pads with Cinch

- Hook and loop pad that features a cinch loop
- No metal insert
- 3/4" padding
- Sold in pairs

BUC3500C 4"Wide **\$110.00**

BUC3503C 3"Wide **\$101.00**



Buckingham® Cushion Wrap Pads with Metal Insert

- Angled style hook and loop pad
- Continuous wrap with metal insert
- 4"W with 3/4" padding
- Sold in pairs

BUC3502 **\$138.00**

BUC3502KL Fits Klein Climbers **\$143.00**



Buckingham® Cushion Wrap Pads Cinch Pad with Metal Insert

- Angled style hook and loop pad
- Cinch loop and metal insert
- 4" wide
- Sold in pairs

BUC3502C **\$144.00**

BUC3502CKL Fits Klein Climbers **\$150.00**



Buckingham® Big Buck Wrap Pads Cinch Pad with Metal Insert

- Combination of your two favorite climber pads: adjustability of the hook and loop wrap pad, increased surface area of the Big Buck pad and moisture wicking Dri-lex lining
- Thick comfortable pad
- Steel "C-Pad" insert for proper shank position
- Cinch loop to provide an extra tight fit
- Rolled edge to prevent chafing
- Sold in pairs

BUC3202C **\$151.00**

BUC3202 Angled Insert, no cinch **\$141.00**



Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits



Buckingham® Big Buck Climber Pad

- Double strap system, fits 1" and 1¼" straps, secures pad to the calf for superior leg support
- Angled metal insert prevents the climber shank from shifting on the calf and the thick felt padding adds to the overall comfort
- Includes 2 pair of 2639 straps (required)
- 9" H x 12 ½" W
- Sold in pairs

BUC3118 **\$119.00**

Buckingham® Flat Pad

- 8" wide pad
- Secures the climber to the leg with dual straps
- Thick felt filler prevents irritation from the climber shank
- Tunnel design keeps climber shank rigid and dual strap design provides superior support
- Heavy leather construction
- Requires two 26" straps, not included.
- Sold in pairs



BUC3127 **\$48.00**

Buckingham® Tunnel Pad

- 'L' Tunnel pad
- Soft 3/4" cushion sandwiched between two pieces of leather, all leather construction
- 3 loops and a tunnel design keeps climber stationary
- Sold in pairs



BUC3125 **\$47.00**

Buckingham® "T" Pad

- 'T' pad with a thick felt liner
- Tunnel design to stabilize the climber shank
- All leather construction
- 3/4" padding
- Sold in pairs



BUC3124 **\$43.00**



Buckingham® Climber Pads

- Strong metal insert holds up to the vigorous use in the field and for rodeo participants.
- New, thicker oversized felt liner for additional comfort
- Liner edge minimizes chafing on the leg and the metal insert prevents the climber shank from shifting on the calf, reducing irritation.
- Requires a 26" strap
- Heavy leather construction
- Sold in pairs

BUC35032 Angled **\$56.00**

BUC35032KL Angled, fits Klein **\$62.00**



Buckingham® "L" Pads

- Closed cell foam filler that prevents the climber shank from irritating the user's leg.
- Rolled edges prevent chafing to the calf
- Slightly heavier pad for maximum comfort
- Requires a 26" strap, not included
- Sold in pairs

BUC3126 **\$89.00**

Buckingham® "L" Pad

- 3 loops and a tunnel design to keep climber stationary
- All leather construction
- 3/4" padding
- Sold in pairs

BUC3122 **\$39.00**



Buckingham® Replacement Gaffs

- 16° angled dowel & screw pole gaffs.
- To be used with T, TB & SB climbers.
- Use on climbers issued January 2011 or later.

BUCNB9206A Replacements **\$56.00**

BUCNB9106ACCA CCA Gaffs **\$84.00**

Buckingham® Climber Pad Leg Protector

- Hook & loop leg protector mounts directly to the leg and underneath a standard climber pad
- Provides an additional 1/4" of padding to protect the calf from being rubbed by the climber shank.
- One size fits all
- 10" H x 8 ½" W
- Sold in pairs

BUC3119 **\$36.00**



Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits



Bashlin® Climbers • Aluminum Alloy

- Has a contour shank with an offset design and replaceable gaff
- 17° gaff angle makes this the most forgiving gaff on the market
- Light weight to reduce fatigue, add comfort. Comparable steel climbers weigh 30% more.
- Aluminum construction sacrifices some wearing qualities
- Includes the #2 gaff guard and the #5 gaff gauge standard
- Standard top slide adjustment is 15-18". Longer top slides adjusting 18-21" are available - please call for info and pricing.
- Sold in Pairs

Nylon Straps are standard on Bashlin Climbers

BASBD141N	Unpolished	\$344.00
BASBD14P1N	Polished (CCA)	\$355.00



Bashlin® Climbers • Steel

- Replaceable gaff, twisted shank & offset design
- Twisted shank lies flatter on the leg for comfort
- Includes a #2 gaff guard and a #5 gaff gauge standard
- Standard length for top slides is 15-18". Longer top slides adjusting 18-21" are available - call for info and pricing
- Sold in pairs.

Nylon Straps are standard on Bashlin Climbers

BASBD16BC1N	Unpolished	\$203.00
BASBD16BCP1N	Polished (CCA)	\$212.00

Bashlin® Combos • Aluminum Climbers + Pads

Order together and save. Pads are shown separately on next page.

Nylon Straps are standard on Bashlin Climbers

Unpolished Gaff Combo Part Number	Climber with Bottom Straps	Pads	
BASBD141N145BCV	=BASBD141N + BAS145BCV		\$495.00
BASBD141N140DS	=BASBD141N + BAS140DS		\$395.00
BASBD141N145BC	=BASBD141N + BAS145BC		\$465.00
BASBD141N150V	=BASBD141N + BAS150V		\$445.00

Polished Gaff Combo Part Number	Climber with Bottom Straps	Pads	
BASBD14P1N145BCV	=BASBD14P1N + BAS145BCV		\$506.00
BASBD14P1N140DS	=BASBD14P1N + BAS140DS		\$406.00
BASBD14P1N145BC	=BASBD14P1N + BAS145BC		\$476.00
BASBD14P1N150V	=BASBD14P1N + BAS150V		\$456.00

Bashlin® Combos • Steel Climbers + Pads

Order together and save. Pads are shown separately on next page.

Nylon Straps are standard on Bashlin Climbers

Unpolished Gaff Combo Part Number	Climber with Bottom Straps	Pads	
BASBD16BC1N145ACV	=BASBD16BC1N + BAS145ACV		\$355.00
BASBD16BC1N140DS	=BASBD16BC1N + BAS140DS		\$255.00
BASBD16BC1N145AC	=BASBD16BC1N + BAS145AC		\$325.00
BASBD16BC1N150V	=BASBD16BC1N + BAS150V		\$305.00

Polished Gaff Combo Part Number	Climber with Bottom Straps	Pads	
BASBD16BCP1N145ACV	=BASBD16BCP1N + BAS145ACV		\$366.00
BASBD16BCP1N140DS	=BASBD16BCP1N + BAS140DS		\$266.00
BASBD16BCP1N145AC	=BASBD16BCP1N + BAS145AC		\$336.00
BASBD16BCP1N150V	=BASBD16BCP1N + BAS150V		\$316.00

Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits

Bashlin® Pad

• Felt Lining • Angled Metal Insert

• Made of heavy duty harness leather for durable comfort.

- Large pad
- Thick, soft cotton felt padding
- Sold in pairs.

Note: One pair of 86N climber straps are included with pads. These pads require two sets of straps.

BAS145AC For Steel Climbers **\$125.00**

BAS145BC For Alum. Climbers **\$125.00**

BAS145 No Insert **\$105.00**



Bashlin® Replacement Gaffs

Pole and Tree Gaffs

- Fit all Bashlin climbers with replaceable gaffs
- Sold in pairs
- Includes Screws

BAS14 1 3/8" Pole Gaffs **\$61.00**

BAS14P 1 3/8" Polished Pole Gaffs **\$69.00**



Bashlin® Pad

Hook n' Loop • Angled Metal Insert

- Made with rugged woven nylon material and have a cinch type hook and loop closure for extra security
- The angle metal insert provides additional climber control
- Sold in pairs

BAS145ACV For Steel Climbers **\$152.00**

BAS145BCV For Alum. Climbers **\$152.00**



Bashlin® Pad • Hook n' Loop

- Soft padding sewn inside of a rugged nylon fabric.
- Cinch style hook and loop closure keeps the climber secure on the leg
- Leather tunnel loop keeps the pad in place on the climber.
- Slight angle for improved gaff position.
- Sold in pairs

BAS150V **\$102.00**



Bashlin® Leather "T" Pad

- The 150 series leather pad offers comfort for both the shin and the calf.
- Shank area has thick padding
- Leather lugs are securely riveted for long wear
- Sold in pairs

BAS150TS **\$48.00**



Bashlin® Leather "L" Pad

- Made of 2 plies of leather.
- Light, comfortable and will allow movement of the shank for the linemen that may prefer less restriction
- Padded
- Sold in pairs

BAS130D **\$44.00**



Bashlin® Leather Tunnel Pad

- Holds the shank securely and at a slight angle for better control.
- Soft leather inside and durable latigo leather on the outside.
- Padded
- Sold in pairs

BAS140DS **\$52.00**



Bashlin® Pad

Hook & Loop • Metal Insert

- Combines the convenience of the hook and loop strap with the climber control of the 105 series pads and the absolute comfort of the 145 series pads
- Durable leather with a thick felt pad
- No additional straps are required

BAS145ACVW For Steel Climbers **\$162.00**

BAS145BCVW For Alum. Climbers **\$162.00**



Fall Protection and Climbing Equipment

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Klein® Climbers • 1½"

- Secure sleeve and leg iron connection. Two slotted hex-head bolts with lock washers and barrel-type nuts join the steel sleeve and leg iron together.
- Steel split ring secures ankle strap in place and allows for quick replacement.
- 4¾" wide stirrup provides greater foot support.
- Adjustable climber length steel sleeve moves in ¼" increments for comfortable fit
- Contoured leg irons help position gaffs securely and comfortably.
- C.C.A. pole gaff. Designed to penetrate the hardest salt-treated poles.
- To determine size needed, measure from instep to 1" below knee
- Sold in pairs only

Climbers Only

KLE1972AR \$175.00

Climbers with Straps and Pads

- 8" x 8" cushioned, high-grade leather pads
- Neoprene-impregnated nylon climber straps

KLECN1972AR \$270.00



Klein® Velcro® Climber Pads

- 4" of Velcro for maximum adjustability.
- Continuous wrap with metal cinch loop for quick attachment and ease of use.
- Extra wide cuff fastens around the calf to provide more support.
- Padded for additional comfort.

KLE8220 \$108.00



Klein® Climber Pads

- ¾" thick cushioned right and left L-shaped leather pads.
- Sold in pairs only.

KLE8210 \$44.00

Klein® Claw Pole Climbers with Ankle Straps

- Rounded foot well provides better fit.
- One size fits most

KLE2214ARS \$150.00



Klein® Hydra-Cool™ Climber Pads

- Exclusive bi-layer Hydra-Cool Climber Pads for superior support and comfort.
- Top Layer: Moisture-wicking with both cooling and thermal insulating properties
- Bottom Layer: PORON® cushioning, absorbs impact, resists water, and conforms to the leg for comfort.
- Protective polyurethane-coated leather resists weathering, water absorption, and cracking.
- One size fits most, sold in pairs. Includes metal insert and Velcro® strap closure.

KLE2214 \$160.00



Klein® Hydra-Cool™ Pole Climber System

- Exclusive Hydra-Cool Climber Pads for superior support and comfort.
- Klein Claw Climbers with gaffs and ankle straps (listed above)
- Strap closure with VELCRO® fasteners.
- One size fits most.

KLE221486 \$282.00

Fall Protection and Climbing Equipment

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Klein® Ankle Straps

- Durable neoprene-impregnated nylon strap is chemical/abrasion resistant and non-conductive.
- Tongue buckle has roller for easy adjustment and a comfortable leather buckle pad.
- Sold in pairs only

KLE530120 **\$31.00**

Klein® Climber Straps

- Durable neoprene-impregnated nylon strap is chemical/abrasion resistant and non-conductive.
- Tongue buckle has roller for easy adjustment.
- Sold in pairs only

KLE530118 **\$20.00**

Bashlin® Top Climber Straps

- Double riveted and feature a protective buckle shield.
- Made of Neoprene nylon
- Sold in Pairs

1 1/8" Wide, Choice of Length

BAS85N	24" Long	\$24.00
BAS86N	28" Long	\$25.00

Klein® Replacement Gaffs

- Includes gaffs, TORX® screws, and wrench.
- Sold in pairs only

KLE72 1 1/2" Fits 1972AR Series **\$63.00**

KLE86 1 1/4" Fits 1986 AR Series **\$63.00**

Buckingham® 2-Piece Foot Strap

- Two piece nylon foot strap with split rings.
- 1"W x 26"L assembled
- Sold in pairs

BUC21391 **\$25.00**

Buckingham® Nylon Foot Strap

- Single piece nylon foot strap
- 1"W x 26"L with buckle pad
- Sold in pairs

BUC2649 **\$19.00**

Buckingham® Nylon Foot Strap

- Single piece nylon foot strap
- 1"Wide
- Sold in pairs

BUC2239 22" Length **\$16.00**

BUC2639 26" Length **\$17.00**

Bashlin® 2-Piece Bottom Climber Straps

- 1 1/8" X 28"
- 2 piece bottom climber straps
- Direct replacement for the original lower straps on the triangle ring of Bashlin climbers
- Double riveted and feature a protective buckle shield.
- Sold in pairs

BAS87N **\$25.00**

Fall Protection and Climbing Equipment

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Buckingham® Gaff Guard

- Easy to attach
- Coated wire gaff guard for Buckingham® permanent gaff pole climbers

BUC6909 **\$6.00**



Buckingham® Gaff Guards • Snap On

- Easy snap-on gaff guard
- Fits all Buckingham® replaceable pole gaffs with a 16 degree angle (A style).

BUC6909A **\$7.00**



Buckingham® Gaff Guards • Universal

- Universal coated wire pole gaff guard made to fit all Buckingham, Bashlin, Klein and Stringer Brooks pole climbers

BUC6909U **\$7.50**



Buckingham® Gaff Guards • Reinforced

- Leather gaff guard
- Designed to work on all brands of replaceable or permanent pole gaff climbers.
- Hook and loop closure prevents guard from sliding off gaff when not in use
- Reinforced with steel rivets to prevent gaff tip from protruding out from bottom.

BUC60094 **\$15.00**



Buckingham® Gaff Guards

- Leather pole gaff guard with hook and loop fasteners.
- Fits all climbers.

BUC60092 **\$8.00**

Bashlin® Leather Gaff Guards with Velcro Attachment

- Russett leather gaff protectors
- Protect the sharp gaff edges from damage
- Protect the user from the sharp gaff edges
- Sold in Pairs

BAS2 **\$9.00**



Klein® Snap-On Gaff Guard

- Coil-spring, plastic coated guard quickly snaps onto pole climbers
- Fits Klein or Bashlin Climbers
- Sold in pairs only

KLE1972G **\$7.00**



Klein® Leather Gaff Guard

- Long-lasting leather construction with genuine VELCRO® brand touch fastener strap.
- Sold in pairs only.

KLE1945G **\$8.00**



Buckingham® Gaff Shield

- A lightweight shield that helps to prevent gaff puncture wounds.
- Ideal for apprentices.
- Attaches easily to the climber shank with one screw and has a slot to accommodate the climber foot strap.

BUC10 **\$32.00**



Fall Protection and Climbing Equipment

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Buckingham® Climber Footplates

- Compatible with any steel or titanium climber
- Add comfort when standing on a pole
- Two plates, one with a rubber sole that faces down, fasten together on the climber stirrup with two screws

• Not for use with aluminum climbers.

BUC35033 **\$95.00**



Klein® Gaff Gauge for Pole and Tree Climbers

- Check proper width, thickness and point profile of climber gaffs when sharpening gaffs
- Instructions included

KLEKG1 **\$5.00**



Buckingham® Pole Gaff Gauge

- New and improved Pole gaff gauge that can also gauge CCA Gaffs; includes instructions.

BUC6303 **\$8.00**



Bashlin® Pole Gaff Gauge

- Used to maintain the correct shape, taper and profile of your gaffs. Instructions are included.
- Use with Bashlin pole climbers only

BASS **\$5.00**



Buckingham® Adjustable Length Climber Sleeves

- Chrome colored climber sleeves
- Standard Climbers adjust from 14¼" to 17¼"
- Long Climbers adjust from 19¼" to 21¼"

BUC9204 Standard **\$17.00**

BUC9202 Long **\$18.00**

Bashlin® Gaff Shaping Kit

- All the tools you need to properly care for the gaffs on your Bashlin (only) climbers.

- Gaff gauge
- 6" mill file, wooden handle
- Sharpening stone and instructions.

BAS27 **\$36.00**



Buckingham® Maintenance Kit

- Tools for inspecting and maintaining Pole Gaffs

- Kit includes smooth single cut file, a new and improved pole gaff gauge, that can now gauge CCA gaffs, and a finishing hone.

BUC6025 Pole Gaffs **\$42.00**

BUC6026 Tree Gaffs **\$42.00**



Buckingham® Replacement Screws for Climber Sleeves

- Four replacement barrel fasteners and screws
- Use with climbers with smooth sleeve attachment holes

BUC9215 **\$5.00**



Buckingham® Replacement Screws for Climber Sleeves

- Four replacement 10/32 threaded sem screws
- Use with climbers that have threaded sleeve attachment holes

BUC996 **\$5.00**



Bashlin® Replacement Screws for Climbers

- Set of four screws, for the top slide adjustors of all styles of Bashlin Climbers

BAS4T **\$3.00**



Buckingham® Gaff Screws

• Screw Style

- For Buckingham® Replaceable Gaff Climbers issued prior to Jan. 2011

BUC11T **\$5.50**



Klein® Gaff Sharpening Kit for Pole and Tree Climbers

Contains the following:

- 8" fine-tooth file
- 3" honing stone
- Klein gaff gauge
- Fully-illustrated instructions
- Handy roll-up canvas case with tie

KLEKG2 **\$31.00**

Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits

Buckingham® Deluxe Apprentice Lineman Package

BUCTB94089A	Titanium Climbers, pair
BUC3202C	Big Buck Wrap Pad, pair
BUC488W2	SuperSqueeze Positioning Strap
BUC20182M	4D Body Belt
BUC42266	Double Back Holster
BUC45333BR55	Tool Bag

BUCDALP Specify D-Size for Body Belt when ordering **\$1,700.00**

Titanium Climbers • Contoured shank • Offset stirrup • Dowel & screw replaceable gaff • BUC21391 nylon foot straps • Standard length sleeves adjusting from 16 ¼" to 18 ¾".

Big Buck Wrap Pad • Increased surface area to distribute pressure plus a thick comfortable pad • Moisture wicking Dri-lex lining • Adjustable hook and loop wrap with a cinch loop to for an extra tight fit • Steel "C-Pad" insert for proper climber shank position • Rolled edge to prevent chafing

SuperSqueeze Positioning Strap • Easy one handed outer and inner strap adjustment with the Buck WebGrab • Same adjustability as the rope BuckGrab but on web • Modular design for easy change out of worn or damaged components or straps • Easily configured to use a rope or web strap • One disconnect to climb over an obstruction • Right or left handed • 36" Distribution outer strap, 48" woven inner strap with carabiners • For Use in climbing up to a class 1 65' Pole/50" Circumference • Meets ASTM F887-11 • Red warning center • 3600 lb. Gate Rated Hardware • Rated to 350 lbs.

4D Body Belt • Man rated upper belt strap bound to lower work positioning strap by 1 ¾" web • Four D-ring belt supports the use of wood pole fall restriction devices, such as Buckingham® SuperSqueeze. • No lower strap for ultimate mobility • 9" High fully padded body • Lined with ultra-soft leather • 2 Full float lower primary D-rings. • 2 Small upper D-rings for secondary lanyard • Replaceable man-rated upper strap (always use a Buckingham® replacement)

Double Back Holster • 5 pockets, 2 way knife snap • 10 ¾" x 8"

Tool Bag with Shoulder Strap • Hard rubber bottom double stitched to equipment bag • 2" molded rubber lip prevents water from seeping into the bottom of the bag • Very durable, even in the cold • 15"H x 11"W x 24"L



Buckingham® Standard Apprentice Lineman Package

BUCSB94089A	Steel Climbers, pair
BUC3502C	Cinch Pads w/ Insert, pair
BUC346099E	Nylon Positioning Strap
BUC2000M	Full Float Body Belt
BUC42266SBL	Short Back Holster
BUC45331Y	Vinyl Gear Bag

BUCSALP Specify D-Size for Body Belt when ordering **\$1,000.00**

Steel Climbers • Contoured shank • Offset stirrup • Dowel & screw replaceable gaff • BUC21391 nylon foot straps • Standard length sleeves adjusting from 16 ¼" to 18 ¾".

Cinch Pad with Insert • Hook and loop pad • Angled style and a cinch loop and metal insert • Measures 4" wide

Nylon Positioning Strap • Neoprene impregnated nylon with slide buckle • Length: 6' • 99E Locker

Full Float Body Belt • Hand crafted of the highest quality leather • Features a full float body belt with a 5 ½" foam cushioned pad reinforced with rawhide lace • Belt strap is leather with a nylon center to provide strength and long life • Floating Ds provide 4" lateral movement to reduce the wear on the pole strap. • Black • Weight 5.53 lbs.

Double Back Holster • Short Back • 5 pockets, 2-way knife snap • 8" x 9-1/4" • Black

Vinyl Gear Bag • 17"H x 11"W x 24"L • Made of heavy duty yellow coated nylon • Completely weather proof with fold over storm flap • Inside pocket (13"L x 8"H)



Fall Protection and Climbing Equipment

•Belts •Harnesses •Positioning •SRLs •Lanyards •Cable Climb •Cable Grabs •Bucket Restraint •Rescue •Gaffs & Pads •Parts & Accessories •Kits

Buckingham® Economy Apprentice Lineman Package

BUCSB94089A	Steel Climbers, pair
BUC35032BL	Climber Pads, pair
BUC386099E	6' Positioning Strap
BUC2639	26" Leg Straps, pair
BUC2012M	Light Weight Full Float Body Belt
BUC42266	5 Pocket Holster
BUC45331Y	Vinyl Gear Bag

BUCEALP Specify D-Size for Body Belt when ordering **\$825.00**

Steel Climbers • Contoured shank • Offset stirrup • Dowel & screw replaceable gaff • Nylon foot straps • Standard length adjustable sleeves 16¼" to 18¾"

Climber Pads • Strong metal insert holds up to vigorous use • Oversized felt liner for comfort • Liner edge minimizes chafing, the metal insert prevents the climber shank from shifting on the calf, reducing irritation. • Requires a 26" strap (included in this kit) • Heavy leather construction

Single Piece Foot Strap • 1" W x 26" L

Light Weight Full Float Body Belt • 5" Dri-lex lined cushion pad wicks away moisture from the user • Extra padding in the back support for superior comfort • 2 work positioning D-rings. • 5.19 lbs.

6' Positioning Strap • Neoprene impregnated nylon with slide buckle • Length 6'. • 99E Locker

5 Pocket Double Back Holster • 5 pockets, 2 way knife snap • 10¾" x 8"

Vinyl Gear Bag • 17"H x 11"W x 24"L • Made of heavy duty yellow coated nylon • Completely weather proof with fold over storm flap • Inside pocket (13" L x 8" H)



Bashlin® Deluxe Lineman Package

BASBD141N	Aluminum Climbers, pair
BAS145BCVW	Velcro Wrap Around Pads, pair
BAS2	Gaff Guards, pair
BAS88UX4DMP	4D Body Belt
BAS53N2HL	6'6" Pole Strap
BAS111HLDSX	Tool Holster (tools not included)
BAS25A	Canvas Bolt Bag
BAS11DCS	Vinyl Equipment Bag

BASDLP Specify D-Size for Body Belt when ordering **\$1,280.00**

Aluminum Climbers - Pair • Contour shank with an offset design, replaceable gaff • 17° gaff angle makes this the most forgiving gaff on the market • Steel climbers weigh 30% more • Includes the #2 gaff guard and the #5 gaff gauge • Standard top slide Adj 15-18" • Bottom straps attached, unpolished

Velcro Wrap Around Pads - Pair • Rugged woven nylon material, cinch type hook and loop closure • Angled Aluminum insert for added climber control

Leather Gaff Guards with Velcro Attachment - Pair • Russett leather gaff protectors help keep the gaff edges sharp and protect the user from cuts

4D Body Belt • Supports lower abdomen, reduces leg discomfort • Dramatically improves "on the pole" comfort • Soft & durable cushion • Top grain leather on back and tongue • Contoured, leather-reinforced seat promotes proper wear • Neoprene-coated nylon and harness leather eliminates D-ring droop • S-Shaped D-Rings for easier engagement of pole strap or secondary lanyard • Easily connects Pole Lariats, Pole Chokers, Cynch-Loks and similar WPF RDs

6'6" Pole Strap • 6 ply neoprene coated nylon, red wear indicator • Tongue buckle adjustment, "Linemen Friendly" snap hooks- even with rubber gloves

Black Leather 5 Pocket Tool Holster with Snap • Double back • Top grain russett tool pockets • Knife snap and attachment kit are included. (Left hand holsters are available at no extra charge. Please call)

Canvas Bolt Bag - #8 Cotton Duck • Reinforced bottom, inside pocket, reinforced top that stays open • No corners to lose bolts • Attaches to the belt by 2 straps joined by snaps and "D"s

Vinyl Equipment Bag • 24" x 19 x 11 • Made of very tough waterproof polyester material • Nylon web handles, polyester web shoulder strap • Leatherette bottom and flap cover the opening when exposed to weather



Bags, Buckets & Pouches

•Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags

Klein® Lineman's Holster Pliers, Folding Rule, Screwdriver, Wrench

- Leather construction.
- No exposed rivets in back.
- Riveted to assure long life.
- Pockets for 7", 8", and 9" side-cutting pliers, most screwdrivers, 6' folding rules, and open end wrenches from 9/16" to 13/16".
- Nickel plated alloy snap.

KLE5118C **\$56.00**

Klein® Lineman's Holster Pliers, Rule and Screwdriver Holder

- Leather construction.
- 3 pockets for pliers, folding rule and screwdriver.
- Riveted to assure long life.
- Pockets for 7" 8", and 9" side-cutting pliers, most screwdrivers, 6' folding rules, and open end wrenches from 9/16" to 13/16".

KLE5118PRS **\$34.00**

Bashlin® Linemen's Holster 4 Pocket Double Back with Knife Snap

- Popular linemen's holster for pliers, rule, screwdriver, Channellock, knife or wrench
- 2 plies of rugged harness leather on the back, and Russett leather pockets
- Knife snap and attachment kit are included
- Left hand holsters are available at no extra charge. Please call to order.

BAS111HLS Brown **\$41.00**

BAS111HLSX Black **\$43.00**

Bashlin® Linemen's Holster 5 Pocket Leather with Snap

- Popular linemen's holster for pliers, rule, screwdriver, Channellock, ratchet driver, knife or wrench
- Double backed for added strength and durability
- Russett leather pockets form to your tools
- Knife snap and attachment kit are included
- Left hand holsters are available at no extra charge. Please call to order.

BAS111HLDS Brown **\$48.00**

BAS111HLDSX Black **\$50.00**

Klein® Lineman's Holster

• 4 Pocket

- Includes knife snap, pockets for pliers, most screwdrivers, a 6' folding rule and open ended wrenches.
- Rivet hole for belt connection.
- Riveted leather construction ensures long life.
- Double leather back for durability.
- Made in the USA.

KLE5118P4 **\$38.00**

Klein® Lineman's Holster

• 5 Pocket

- Includes knife snap, pockets for pliers, most screwdrivers, a 6' folding rule and open ended wrenches.
- Rivet hole for belt connection.
- Riveted leather construction ensures long life.
- Double leather back for durability.
- Made in the USA.

KLE5118P5 **\$47.00**

Buckingham® Ballistic Nylon Holster

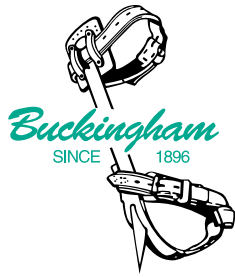
- 15 pockets to efficiently organize tools. (tools not included)
- Made of Ballistic nylon which is a tough, synthetic nylon fabric that offers years of service without showing signs of stress.
- 2" tunnel in the back to pass a belt through. This configuration supports the entire length of the holster and regardless of weight, minimizes sagging.

BUC949C **\$45.00**



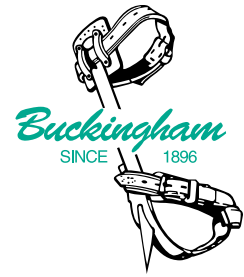
Bags, Buckets & Pouches

•Holsters •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holsters •Glove Bags



Buckingham® Tool Holsters

- Constructed of heavy tanned leather
- Double back design - Stay rigid, even after years of use, to ensure easy tool removal from the pockets. Pockets are riveted to a thick layer of leather with another leather layer sewn over the rivet heads. In the middle of the leather layers is a plastic stiffener to keep the back rigid.
- Back is covered with full grain leather for a smooth finish.
- Includes barrel screws



5-Pocket Holster

- 5 pockets
- 2 way knife snap
- 8" x 10 3/4"

BUC42266	Natural	\$61.00
BUC42266BL	Black	\$61.00
BUC42266BR	Dark Brown	\$61.00
BUC42266BU	Burgundy	\$61.00

Burgundy



3-Pocket

- 3 pockets
- 11" x 6 1/4"

BUC4923	Natural	\$39.00
BUC4923BL	Black	\$49.00
BUC4923BR	Dark Brown	\$49.00
BUC4923BU	Burgundy	\$49.00

Natural



Black

5-Pocket • Short Back Holster

- 5 pockets
- 2 way knife snap
- 8" x 9 1/4"

BUC42266S	Natural	\$73.00
BUC42266SBL	Black	\$73.00
BUC42266SBR	Dark Brown	\$73.00
BUC42266SBU	Burgundy	\$73.00

Dark Brown



Natural

4-Pocket

- 4 pockets and a 2 way knife snap
- 11" x 6 1/4"

BUC49261	Natural	\$43.00
BUC49261BL	Black	\$53.00
BUC49261BR	Dark Brown	\$53.00
BUC49261BU	Burgundy	\$53.00



Knife Pouch

- Measures 9 1/2" x 3"

BUC4089	Natural	\$26.00
BUC4089BL	Black	\$26.00
BUC4089BR	Dark Brown	\$26.00
BUC4089BU	Burgundy	\$26.00



5-Pocket • Double Back Holster

- 5 pockets
- 2 way knife snap
- Knife sheath attachment
- Measures 10 3/4" x 8"

BUC42666	Natural	\$77.00
BUC42666BL	Black	\$77.00
BUC42666BR	Dark Brown	\$77.00
BUC42666BU	Burgundy	\$77.00

Short Back

BUC42666S	Natural	\$84.00
BUC42666SBL	Black	\$93.00
BUC42666SBR	Dark Brown	\$93.00
BUC42666SBU	Burgundy	\$93.00



Black

Bags, Buckets & Pouches

•Holders •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags

Buckingham® Lowell Wrench Holder

- A Lowell wrench holder constructed of heavy leather and a steel bracket.
- Barrel fasteners provided for fast and easy attachment to body belt.

BUC6104 Brown **\$20.00**
BUC6104BL Black **\$20.00**



Buckingham® Wrench Keeper

- A durable wrench keeper designed to attach to the body belt
- Neoprene impregnated back is strong to hold heavy tools
- Leather with steel bracket
- Sized to fit Klein's bell wrench
- Measures 2 1/2" x 3 3/4"
- Wrench is not included

BUC6102 **\$16.00**



Bashlin® Lowell Wrench Holster

- This leather backed holster is designed to fit the Lowell Ratcheting Line Wrenches with either the cast or stamped handles
- A 2 piece screw rivet is included for belt attachment.
- Wrench not included

BAS111LWH **\$21.00**



Buckingham® Nylon Strap

- A 1" Nylon strap with a 1 1/8" ring to girth hitch up to a 3" belt

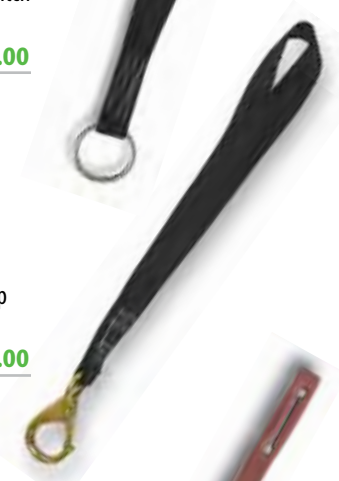
BUC60002 **\$5.00**



Buckingham® Nylon Strap

- A 1" nylon strap with snap to girth hitch up to a 3" belt

BUC60003 **\$6.00**



Bashlin® Bell Wrench Holder

- Made of thick, durable harness leather with a metal keeper for the wrench
- Fits all models of the Klein Bell Wrench series.
- A 2 piece screw rivet is included for belt attachment
- Wrench not included

BAS111BWH **\$17.00**



Buckingham® Handline Carrier

- A wire hour glass shaped handline carrier that separates when approximately 14-18 lbs. of pressure is applied.

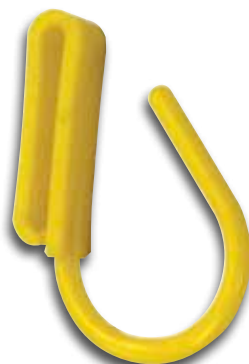
BUC6109 **\$4.00**



DBI® Handline Keeper for Lineman Belt

- Handline keeper for lineman belts
- Simple clip-on attachment to belt
- Designed to release when tension is exerted

DBI9509844 **\$5.50**



DBI® Tape Thong

- Tape thong for lineman belts
- 12" length
- Choker style slotted belt connection
- Leather strap with plastic bar
- Fits most standard electrical tape rolls

DBI1150431 **\$11.00**





Python® Quick Wrap Tape

- Made from self-fusing silicone rubber,
- Capable of creating instant attachment points for nearly any tool in a matter of seconds when used in combination with D-Rings or Tool Cinch Attachments.
- Conforms to the shape of whatever it is applied to, making it ideal for even the most irregular shaped tools.
- For load ratings, please refer to the respective attachment point.

PYTQWHDBLU1 1" x 108" **\$17.95**

Python® D-Ring Attachment Points

- Used together with Quick Wrap™ to create attachment points for a huge collection of tools.
- Third-party load-rated:
 - 5" x 2.25" • Max Load 2 lbs
 - 5" x 2.25" Non-Conductive • Max Load 2 lbs
 - 1" x 3.5" • Max Load 5 lbs

Max Load

PYTDRO.5X2.25 2 lbs **\$3.50**

PYTDRO.5X2.25NC 2 lbs Non-Conductive **\$3.50**

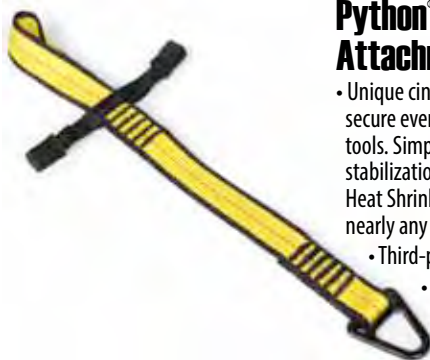
PYTDRI1X3.5 5 lbs **\$3.80**



Python® Tool Cinch Attachment

- Unique cinch design allows users to quickly secure even the most difficult to tether tools. Simply cinch the tool, and secure the stabilization wings using Quick Wrap Tape or Heat Shrink to create an instant attachment for nearly any tool.
- Third-party load-rated for 35 lbs!
- Stabilization wings hold the cinch in place.

PYTVR2ATTACHMD **\$19.95**



Python® D-Ring Cord Attachment

- Easily cinches to tools weighing under 5 lbs, creating an instant attachment point
- Loop end passes through a pre-drilled hole or closed handle of a tool, Ring threads through the loop and cinches tightly
 - The resulting connection point is extremely durable and reusable
 - Attach to any Python tether.

PYTDRCORD **\$3.50**



Python® Quick Spin™ Adapters

- Makes tools tether-ready in seconds.
- Available in many sizes
- Reusable, suitable for non-conductive use, tangle-resistant spin top
- Does not deface tools.
- Made from a Thermoplastic Rubber and Polyester material, spin tops are made of a polyacetal and black carbon power

Small • Load Rated 1 lb • Diameter .6"

Medium • Load Rated 1 lb • Diameter .8"

Large • Load Rated 1 lb • Diameter 1"

Extra-Large • Load Rated 1 lb • Diameter 1.2"

PYTQSS Small **\$7.85**

PYTQSM Medium **\$7.90**

PYTQSL Large **\$7.90**

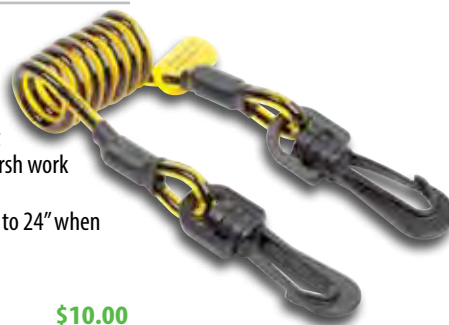
PYTQSXL Extra-Large **\$7.95**



Python® Clip2Clip Coil Tether

- Non-conductive vinyl coil that is engineered to withstand harsh work environments.
- Relaxed Length 1.75" extends to 24" when stretched in use.
- Load Rated to 2 lbs

PYTEXTC2CCOIL **\$10.00**



Python® Hook2Hook Coil Tether

- Extra-thick PU coating around the coil prevents kinking and allows the coil to retain its form
- Resistant to heat and to sharp objects.
- Lightweight Aluminum carabiners have locking screw-down nuts that cannot be removed
- Stretched Length 62 in • Relaxed Length 5 in
- Load Rating 5 lbs

PYTEXTH2HCOIL **\$16.95**



Python® Hook2Loop Bungee Tether

- 5/8" Tubular webbing
- A twist-lock carabiner tool attachment
- Light Duty** • Stretched Length 47" • Relaxed Length 31" • Load Rating 10 lbs

PYTEXTH2LBUNGEE **\$13.95**

- Medium Duty** • Stretched Length: 49" • Relaxed Length: 30.5" • Load Rating: 35 lbs

PYTEXTH2LBUNGEE MD **\$29.95**



Bags, Buckets & Pouches

•Holders •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags



BACK VIEW

Python® Small Parts Pouches

The patented Python Safety® Small Parts Pouch™ stops accidental drops the moment something is put inside. An innovative self-closure system traps objects inside, making it nearly impossible for objects to fall out once placed in the bag, yet has easy for retrieval by the user since no opening or closing is necessary. Available in a number of options.

Color & Material

PYTPCHPARTSCB	Black 18 oz duck canvas	\$59.95
PYTPCHPARTSCO	Orange 18 oz duck canvas	\$59.95
PYTPCHPARTSCC	Camo 18 oz duck canvas	\$59.95
PYTPCHPARTSVV	Yellow heavy-duty durahide vinyl, puncture resistant	\$59.95
PYTPCHPARTSXDCB	Black Extra-Deep 18 oz duck canvas	\$61.95
PYTPCHPARTSXDCCL	Black Extra Deep 18 oz duck Canvas with Top Closure and Leg Strap	\$61.95

Klein® Bolt Bag

- Bull-pin loop on each side.
- Made of No. 4 canvas with double bottom
- Belt loops for belts up to 3" wide
- 5" x 9" x 10" Deep

KLE5416 Canvas, Belt Loops **\$16.00**

KLE5416T Canvas, Tunnel Loop **\$17.00**

KLE5416L Leather, Tunnel Loop **\$46.00**



Klein® Canvas Utility Bag

- Heavy No. 8 canvas with 1/4" rope ring sewn into top for extra rigidity
- Snaps on loops for easy attachment to belts up to 3" wide
- Ventilating eyelet in bottom
- Overall Size: 9" x 10" x 3"
- Top Opening: 8" x 3"

KLE5142 **\$29.00**

KLE5142P Same as above, but with inside pocket **\$31.00**



Klein® Extra-Large Canvas Utility Bag

- Extra capacity bag
- No. 8 natural canvas.
- Inside bottom of bag reinforced with leather.
- Attaches easily to a belt or harness.
- Web straps with snap hooks fit over belt up to 3" wide.

Overall Size: 10" x 12" x 5"

Top Opening: 9" x 5"

KLE5141P **\$33.00**



Klein® Black Nut & Bolt Pouch

- Includes interior pocket
- Top sides of pouch reinforced with leather to maintain shape of pouch opening
- Inside bottom is reinforced with leather and ventilating eyelet
- Metal snaps provided on loops for easy attachment to belts up to 3" wide
- Top edge reinforced with 1/4" rope

KLE51A **\$24.00**





Buckingham® Leather Nut & Bolt Bag

- 3 inside pockets to accommodate speed wrenches
- 9" L x 3" W x 10" H

BUC52993BR	Dark Brown	\$40.00
BUC52993BL	Black	\$40.00
BUC52993BU	Burgundy	\$40.00

Bashlin® Canvas Nut & Bolt Bag with Pocket

- Made of #8 cotton duck
- Has a reinforced bottom, inside pocket and reinforced top that remains open
- No corners to lose bolts.
- Attaches to the belt by 2 straps joined by snaps and "D"s
- 8½" X 9" X 4"

BAS25A **\$23.00**



Buckingham® Leather Nut & Bolt Bag

- Strong pliable lightweight leather
- Ideal for maintenance and repair work
- Leather straps w/grommet reinforced holes
- 9" L x 3" W x 10" H

BUC5299BL	Black	\$40.00
BUC5299BR	Brown	\$40.00
BUC5299BU	Burgundy	\$40.00

Bashlin® Leather Bolt & Nut Bag

- A unique leather bag with a reinforced back
- Bottom is sewn and riveted for extra strength
- Designed to stay open
- A snap and leather laces for securing it to the belt
- Measures 8" x 8" x 2½"

BAS25PS **\$17.00**



Buckingham® Canvas Nut & Tool Bag

- A canvas nut and bolt bag made from top quality heavy cotton duck.
- Reinforced top, drain holes and attachment straps.
- U shaped with no bottom corners to trap small parts
- 10" deep x 9" wide

BUC4570 **\$25.00**

Bashlin® Aerial Tool Bag

- Bashlin's tool bags have a non conductive frame to keep the bag open and tool pockets inside or outside and outside. The bottoms are reinforced.
- Includes PVC hooks for hanging.
- 14" X 7" X 20"

BAS70620 **\$88.00**



Buckingham® Canvas Nut & Tool Bag with Magnetic Strip

- Features a magnetic strip to allow linemen to store loose hardware and easily access it when required
- A canvas nut and bolt bag made from top quality heavy cotton duck.
- Reinforced top, drain holes and attachment straps.
- U shaped with no bottom corners to trap small parts
- 10" deep x 9" wide

BUC4570M2 **\$33.00**



Bags, Buckets & Pouches

•Holders •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags

Klein® Hard Body Oval Buckets

- Made of rugged denier polyester to resist wear and tear
- Black molded polypropylene bottom with drain holes
- 14 Pockets
- Measures 14" L x 10" H x 7" W
- Orange, non-conductive plastic exterior maintains bucket shape.
- Cat. No. 5144H hooks sold separately.

KLE5144BHB	Kickstand on back	\$52.00
KLE5144BHHB	Handles	\$55.00
KLE5144HBS	Leather Knife Sheath & Handles	\$61.00



Klein® Hard Body Aerial Bucket

- Constructed of rugged denier polyester to resist wear and tear on the jobsite
- Black molded polypropylene bottom with drain holes.
- 15 interior pockets and 14 outside pockets, 29 pockets total
- Web handles.
- 14" L x 10" H x 7" W
- Use with 5144H hooks, sold separately.

KLE5144BHB140S **\$65.00**



Klein® Aerial-Basket Oval Bucket with 15 Interior pockets

- No. 6 canvas.
- Black molded polypropylene bottom.
- Two nylon 66 polymer hooks included.
- 15 Inside Pockets
- 14" L x 7" W x 10" H
- ABS hooks are resistant to temperature changes
- Made in the USA
- Replacement hooks available (5144H)

KLE5144	With Hooks	\$67.00
KLE5144B	No Hooks	\$54.00
KLE5144S	Rope	\$71.00

Klein® Oval Bucket with 41 pockets

- 26 pockets inside and 15 pockets outside.
- No. 6 canvas.
- Sisal-rope handle
- Tripod suspension rope for greater stability
- With swivel snap hook
- Black molded polypropylene bottom.
- Made in the USA.

KLE5152S **\$97.00**



Klein® Hook for Aerial Baskets

- All weather, durable, nylon 66 polymer.
- Most manufacturers' aerial basket trucks accommodate bucket hook.
- Includes single replacement hook for 5144 and 5169

KLE5144H **\$9.00**





Estex® Aerial Tool Bucket 7 Pockets W/Hard Body and Inosil

- Holes for attachment hooks are reinforced with brass grommets.
- PVC ring in the top shapes the opening and Hard Body plastic on the sides keeps the bag open and rigid.
- 7 hand tool pockets on the inside of the bag
- Inside is lined with Inosil corrosion shield to protect tools from rust and corrosion.
- Made of 1000 Denier nylon Cordura with a sturdy plastic bottom with drainage holes

EST1810HB **\$78.00**

Estex® Oversized Oval Tool Bucket

- 14 Outside Pockets
- Fabric is 1000 Denier Nylon Cordura which is extremely abrasion and cut resistant.
- Hard Body plastic liner gives it shape and makes it rigid.
- Heavy PVC top ring to keep the bag open, two attachment holes reinforced by brass grommets and a molded plastic bottom.

EST1815HBHQ **\$92.00**



Estex® Hard Body Tool Bucket with 28 pockets • Grommets

- 14 Outside & 15 Inside Pockets
- Hardbody, handles & 2 grommets
- 15"L x 7"W x 9"H

EST181514HB2G **\$101.00**

Estex® Aerial Tool Bucket

- Oval shaped tool bag hangs on the aerial lift bucket with attachment hooks
- PVC ring in the top to shape the opening and PVC supports on the sides to keep the bag open
- Holes for attachment hooks are reinforced with brass grommets.
- Sturdy plastic bottom with drainage holes
- 15"L X 7"W X 9"H
- Weight 2 lbs. 4 oz

EST1818 9 Inside Pockets **\$70.00**

EST1820 15 Inside Pockets **\$69.00**



Estex® Hard Side Aerial Bucket

- Heavy canvas oval bucket with hard body plastic liner
- 15 inside pockets
- 15"L x 7"W x 9"H

EST1820HB Open Top **\$83.00**

EST1820HBC With Attached Cover **\$97.00**

Klein® Multi-Pocket Tool Totes

- Double-layered, 600 x 300 denier polyester to resist wear and tear
- Water-resistant to avoid the buildup of mold and mildew
- 2" wide polypropylene padded carrying handles with leather wrap
- Contoured, padded, slip-resistant shoulder strap
- Durable molded bottom with drain holes
- Multi-tool pockets
- Both 15.5" L x 7.5" W x 10" H

12 Pocket Tote

- Exterior Pockets: 7
- Interior Pockets: 5

KLE58888 **\$78.00**

17 Pocket Tote

- Exterior Pockets: 10
- Interior Pockets: 7
- Includes Tape Thong

KLE58890 **\$84.00**

Buckingham® Hard Body Oval Bucket

- Made with heavy canvas
- 14 outside tool pockets and 15 inside pockets
- Hard exterior canvas body with molded top rings and nylon web handles.

BUC121615CH1L **\$107.00**



Buckingham® Hard Body Oval Bucket with Rain Cover

- Includes a rain cover to help gear inside stay dry.
- Comes with two bucket hooks.

BUC12169H1KT1 **\$132.00**



Bags, Buckets & Pouches

•Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags

Buckingham® Canvas Bucket

- Canvas bucket made with heavy canvas construction.
- Solid continuous PVC ring in top and a polypropylene rope with brass swivel snap
- Features an 8" x 8" inside pocket and has a molded rubber bottom.
- 12" Dia. x 15" H

BUC1215 **\$43.00**



Buckingham® Mini Tool Bucket

- Can be used for connectors, nuts, and other small items. Can be set on desk or hung in vehicle for other uses. Great for safety awards.
- Diameter-5". Height-7".

BUC1230 Pockets **\$19.00**

BUC1231 No Pockets **\$14.00**



Bashlin® Rodeo Ditty Bag

- For carrying the egg in the speed climb or holding pens or pencils in your truck or on your desk
- Pockets all around the outside
- 4" Dia x 8" H

BAS650RDB **\$19.00**



Klein® Leather-Bottom Bucket

- Made of thick No. 1 canvas with high-density polyethylene top ring
- Bottom is covered with leather reinforcement extending 3" up the sides
- Inside pocket measures 8" x 8"
- Polypropylene rope handle is reinforced with leather where it is spliced around top ring
- Top Diameter: 12"
- Bottom Diameter: 12"
- Height: 17"

KLE5104 Leather-Bottom Bucket **\$71.95**

KLE5104S Same as Above with Swivel Snap **\$78.95**

Estex® Tool Bucket

- 12" x 17" Diameter
- Heavy canvas, molded top ring,
- Hard leather bottom and rope holes,
- Polypropylene Handle
- Leather side supports at the rope holes and a unique Estex feature whereby the bottom is stitched on and the body of the bag is folded back over the stitches to protect the threads from abrasion and excessive wear.
- Smooth padded area at the bucket bottom, preventing bucket from becoming a rough sharp source of wear on the bucket truck and on the aerial bucket.
- Strong UV and rot resistant rope handle.

EST2061SCL **\$58.00**

EST2061SCLS w/Snap Hook **\$61.00**



Klein® Heavy-Duty Tapered-Wall Bucket

- Rope handle reinforced with leather for water resistance and strength.
- Durable, straight-wall and tapered-wall buckets are made of heavy-duty canvas.
- Riveted leather glove strap.
- Tough No. 4 canvas.
- Comes with Cat. No. 2012 swivel snap.
- High-density polyethylene top ring for strength and chemical resistance.
- Made in the USA.
- Black molded polypropylene bottom.

KLE5103S **\$45.00**



Estex® Vinyl Tool Bucket

- 12" x 15" Diameter
- Vinyl with leather bottom
- Steel top ring, molded bottom and rope holes
- Strong UV and rot resistant rope handle.
- Leather side supports at the rope holes and a unique Estex feature whereby the bottom is stitched on and the body of the bag is folded back over the stitches to protect the threads from abrasion and excessive wear. Provides a smooth padded area at the bucket bottom, preventing bucket from becoming a rough sharp source of wear on the bucket truck and on the aerial bucket.

EST2065 **\$62.00**



Bags, Buckets & Pouches

•Holders •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags

Klein Tools® Mini Bucket

- Heavy duty canvas
- Leather-reinforced bottom
- 4.5" diameter x 6" height

KLE5104MINI

\$15.95



Klein® Line-Hose Bag

- Transfer your tools safely and securely
- No. 6 canvas with Cylolac top ring and molded bottom.
- Large enough to accommodate several pieces of hose.
- Can also be used to raise protective rubber blankets that are rolled.
- Leather cuff extends 3" up the side.
- Polypropylene rope handle is reinforced with leather

KLE511048

\$68.00



Klein® All Purpose Work Bucket

- Heavy duty plastic bottom with drain holes
- 15" H x 12" D

KLE5109SLR

\$49.95



Klein® Heavy-Duty Tapered-Wall Bucket - 4 Outside Pockets

- Rope handle reinforced with leather for water resistance and strength
- High-density polyethylene top ring for strength and chemical resistance
- Riveted leather glove strap
- Tapered-wall buckets
- Tough No. 4 canvas
- Black molded polypropylene bottom
- Swivel snap hook
- Made in the USA

KLE5171PS

4 Pockets

\$60.00



Klein® Canvas Electrode Bag

- No. 4 canvas with heat-resistant, hard-leather bottom
- Web loop for sliding over a belt
- Height in front is 12", height in back is 15½"
- Diameter is 2½"

KLE5471

\$16.95



Klein® Wide Opening Straight Wall Buckets

- 75 lb. Max Load Rating.
- Web handle extends down the sides of the bucket for added strength.
- Durable, straight-wall and tapered-wall buckets are made of heavy-duty canvas
- High-density polyethylene top ring for strength and chemical resistance.
- No. 6 canvas. The canvas weight No. 1 being the thickest and No. 8 being the thinnest
- Black molded polypropylene bottom
- Made in the USA
- 15" H x 12" Diameter

KLE5109 w/Rope Handle

\$38.00

KLE5109S w/Swivel Snap

\$45.00

KLE5109P w/Inside Pocket

\$44.00



Bashlin® Line Hose Bags

- Bashlin's cotton duck line hose bags have a PVC ring for strength and to keep the tops open. The bottoms are made of leather. A snap hook is attached for securing to a handline

BAS20848 8" x 48" \$48.00

BAS21048 10" x 48" \$55.00

BAS21060 10" x 60" \$57.00

BAS21248 12" x 48" \$63.00

BAS21260 12" x 60" \$65.00



Bags, Buckets & Pouches

•Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags



Klein® Lineman Backpack

- Wide opening easily accommodates helmets, belts and other equipment
- Large front pocket for separate storage of gafts, rubber gloves or other equipment
- Padded back area
- Durable, double stitched plastic bottom with drain holes
- Adjustable padded shoulder straps with adjustable chest strap
- Width 10" x Height 23" x Length 18"

KLE5185ORA \$125.00



Klein® Vinyl Equipment Bags

- Two large, outside pockets with Velcro® fastening
- Adjustable, padded shoulder strap
- Durable, double-stitched plastic bottom
- Convenient rain flap with Velcro® fastening
- Two heavy-duty, slide-action buckles for convenient closure
- Nylon webbing extends down side of bag from handles and shoulder strap for extra support and durability
- Wide-opening, steel frame securely riveted to top of bag helps maintain bag's shape
- 20"H X 24"L X 10"W

	Color	Exterior Pockets	
KLE5182BLA	Black	2	\$107.00
KLE5181ORA	Orange	1	\$97.00

Klein® Extra-Large Nylon Equipment Bag

- Orange vinyl coated nylon fabric
- Extra large to hold more
- Naugahyde®-reinforced bottom extends 3" (76 mm) up the sides
- Bottom is protected by metal studs
- Nylon-web handles extend around bag for extra support
- Wide opening steel frame is securely riveted in top of bag
- Extra flap for storm protection
- 24" L x 10"W x 18"D

KLE5180 \$102.00

Buckingham® Tool Bag

- 2" molded rubber lip keeps water out
- Heavy gauge rubber for superior strength
- The rigidity of the formed rubber bottom allows bag to maintain its shape.
- Double stitched body to the rubber bottom
- Cleats on bottom are designed to prevent water from being absorbed.
- Shoulder strap.
- 19" H x 11" W x 24" L.

BUC4533R5SY \$185.00



Buckingham® Vinyl Gear Bag

- Made of heavy duty yellow coated nylon
- Completely weather proof with fold over storm flap
- Roomy inside pocket (13" L x 8" H) for storage of small parts
- Dimensions: 17"H x 11"W x 24"L

BUC45331Y \$102.00



Buckingham® Mesh Storage Bag

- See through material makes it easy to locate the material in the bags without having to open every one.
- Provides sufficient airflow, aiding in drying wet gear.
- Length-18", Diameter-9 1/2"

BUC45400G118 \$27.00



Buckingham® Personal Gear Bag

- 8" utility bag made from heavy weight red water resistant polyester
- Ideal for carrying personal fall protection equipment
- Strong nylon handles 1,000 lb. breaking strength
- Features a nylon zipper closure that won't corrode or bind
- 18" L x 9.5" H x 9.5" W

BUC45400R218 \$25.00



Buckingham® Tool Bag

- 2" molded rubber lip prevents water from seeping into the bottom of the bag
- Heavy gauge rubber bottom is double stitched to the bag
- Very durable, even in cold weather

BUC45333B3R5S \$171.00





Estex® Canvas Gear Bag

Weather Flap - 1 Outside Pocket

- Leather buckle closure and a shoulder strap
- Wider than other bags
- Made of heavy canvas which is resistant to abrasion
- Bottom is made from molded polymer plastic for water resistance
- 2" web handles wrap completely around bag and have box "X" stitches to prevent tearing
- Weather flap covers the top of the bag to keep water out
- One large outside pocket covered with a flap with snap fasteners
- 24" L X 10" W X 19" H

EST21171LOSPC

\$193.00

Estex® Vinyl Coated Nylon Gear Bag

Weather Flap - 1 Outside Pocket

- Bottom is made from molded polymer plastic which gives additional water resistance.
- Leather buckle closure and a shoulder strap
- Wider than other bags
- Made of heavy vinyl coated nylon which is water resistant and very resistant to abrasion
- 2" web handles wrap completely around bag and have box "X" stitches to prevent tearing
- Weather flap covers the top of the bag to keep water out.
- One large outside pocket covered with a flap with snap fasteners.
- 24" L X 10" W X 19" H

EST21171LOSP

\$134.00



PIP™ FR Apparel Bag

- Molded Rubber Bottom
- Zipper Closure
- 24" L x 10" W x 13" H

PIP940052599

\$51.00

Estex® Large Tool Bag

Wheels - 2 Outside Pockets

- Bottom is made from molded polymer plastic for additional water resistance.
- Wider than other bags
- Made of heavy vinyl coated nylon which is water resistant and very resistant to abrasion
- 2" web handles wrap completely around bag and have box "X" stitches to prevent tearing
- One large outside pocket covered with a flap with snap fasteners.
- Has wheels attached with an expandable handle that allows the bag to be pulled - like "roller board" luggage.
- Has two outside pockets and a shoulder strap.
- 24" L X 10" W X 19" H

EST21172HDL

\$166.00



Estex® Lineman's Travel Bag -

Polymer Bottom - Cordura

- One large side pocket and two large pockets on the ends of the bag.
 - Made of 1000 denier nylon cordura treated for water resistance which is very cut and abrasion resistant
 - Polymer plastic bottom
 - 2" web handles are sewn to the entire side of the bag with box "X" stitches at the top to secure them.
 - Double zipper opening for easy access
- Lightweight but tough and can carry lots of lineman gear.
- 24" L X 10" W X 19" H

EST21176055R

\$110.00



Estex® Tool Bag

1 Large Outside Pocket

- Hard board bottom, vinyl reinforcement, leather buckle closure
- Heavy vinyl coated nylon which is water resistant and also very resistant to abrasion.
- Second layer of vinyl around the bottom of the bag for extra protection.
- Hard wood bottom with six brass studs to protect the bottom surface from abrasion.
- 2" web handles wrap completely around bag and have box "X" stitches to prevent tearing
- Weather flap covers the top of the bag to keep water out.
- 24" L X 10" W X 19" H

EST21901LOSP

\$134.00



Bags, Buckets & Pouches

•Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags

Klein® Tradesman Pro™ Backpack



- 39 pockets for tons of tool storage
- Hard, molded front pocket protects safety glasses
- Front zipper pocket for small parts and tools
- Taller bag and interior pockets allow for long screwdrivers
- Fully molded bottom protects from the elements
- Orange interior for easy tool visibility
- 1680D ballistic weave for durability
- Shoulder straps with extra padding and handles for easy carrying
- 20" H x 14.5" W x 7.25" D

KLE55421BP14 **\$93.00**

Bashlin® Waterproof Vinyl Equipment Bag

- Made of very tough waterproof polyester material and has nylon web handles
- Leatherette bottom and flap to cover the opening when exposed to weather.
- Polyester web shoulder strap.
- 24" X 19" X 11"

BAS11DCS **\$94.00**



Klein® Tradesman Pro™ Organizer • 10" Tote



- 40 pockets for maximum tool storage.
- Orange interior for easy tool visibility.
- Removable zipper bag designed to fit compartment underneath.
- Tough, durable feet protect from the elements.
- 1680d ballistic weave for durability.

KLE5541610 **\$73.00**

Bashlin® Canvas Tool Bags

- Heavy cotton duck
- Sturdy metal frames and reinforced leatherette bottom
- Leather reinforced polyester handles

BAS10S18 18" L x 12" W x 9" H **\$63.00**

BAS10S24 24" L x 12" W x 7" H **\$67.00**



Klein® Tradesman Pro™ Organizer • Extreme Electrician's Bag



- 78 pockets for extreme tool storage.
- Orange interior for easy tool visibility.
- Wide center with removable pockets for easy access to tools.
- Tough, durable molded bottom protects from the elements.
- 1680d ballistic weave for durability.

KLE5541718 **\$94.00**

Buckingham® Gear Bucket Haul Bag

- 44 oz. vinyl with 4300 cubic inches of internal storage
- Built to withstand the most abusive environments and treatment.
- MOLLE Webbing on exterior and interior of the bag for organizing
- Metal buckles and snaps that will far out last plastic components
- Ergonomic back pad that easily removes for travel or storage
- Climbing spec webbing used to reinforce all seams and wear points
- Inside mesh pocket for extra storage

BUC4370B14 **\$192.00**





Buckingham® Aerial Basket Tool Apron

- All pockets are sewn through two layers of vinyl coated nylon plus one layer of heavy canvas
- Two large grommet holes to suspend the apron from the bucket using Buckingham®PVC or polymer hooks.
- 26" x 4"W x 28" L

BUC4045 **\$168.00**



Klein® Aerial Aprons

- 10 hand-tool pockets, two pouches, hammer loop, two drill bit holders, two leather pockets and swivel snap hook.
- Two pouches are reinforced with heavy-duty rivets.
- Use with 5144 hooks, sold separately.

KLE51829 No Magnetic Strip **\$102.00**

KLE51829M With magnetic strip **\$118.00**

Sewn-in magnet design won't catch on gloves.



Buckingham® Aerial Basket Tool Apron with Magnetic Strip

- Sewn in Stiffener. 2 pocket holster. Hammer loop. PVC cap bottom. 2 nut and bolt bags. 11 socket pockets. 2 PVC pipe inserts for auger bit holders.
- 23 3/4" L x 4"W x 21 3/4" H
- Magnetic strip that allows linemen to store loose hardware and easily access it when required.

BUC4500YM2 Magnetic Strip **\$140.00**

BUC4500Y No Magnetic Strip **\$122.00**



Klein® Aerial Aprons

- Large pouch for hot stick and attachments.
- Sewn-in magnet design won't catch on gloves
- Includes 10 hand tool pockets, two pouches, hammer loop and a drill bit pocket.
- Two pouches reinforced with heavy duty rivets.
- Use with 5144 hooks, sold separately.

KLE51829MHS **\$138.00**



Buckingham® Fiberglass Tool Apron

- Auger bit holder. Wrench and hammer loops. Canvas nut and bolt bag
- B1 bumper is available
- 20 1/2" L x 20"W

BUC4505 **\$215.00**

Bags, Buckets & Pouches

•Holders •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holders •Glove Bags

Estex® Aerial Vinyl Tool Apron



- 8 hand tool pockets, knife sheath & 2 drill bit holders
- 1 Reinforced pouch, 1 amp tool pocket & hammer loops
- Designed to fit flat against the liner to minimize interference with line work yet maximize a linemen's ability to reach the necessary tools.
- Non conductive rod in the top for support as well as two brass grommets

EST1829PGE4 **\$171.00**

Estex® Aerial Canvas Tool Apron



- Heavy Weight Canvas
- Designed to fit flat against the liner to minimize interference with line work yet maximize a linemen's ability to reach the necessary tools.
- Non conductive rod in the top for support as well as two brass grommets
- 18"L x 4"W x 10"H • Pockets 6" x 8"

EST1825 **\$35.00**



Estex® Aerial Canvas Tool Apron

- 7 Hand tool pockets & 1 pouch
- 3 Hammer loops
- Designed to fit flat against the liner to minimize interference with line work yet maximize a linemen's ability to reach the necessary tools.
- Non conductive rod in the top for support as well as two brass grommets.
- 18"L x 4"W x 10.5"H

EST1828 **\$51.00**

Estex® Aerial Tool Board with

Wide Lip, 8 Tool Pockets

- 8-Vinyl hand tool pockets, bit, knife, and utility pockets. Loops for hammer & screwdriver
- Made of .25" ABS Plastic with multiple pocket configurations to fit inside the bucket.
- Designed to fit flat against the liner to minimize interference with line work yet maximize a linemen's ability to reach the necessary tools
- Slides over the lip of the aerial bucket and is designed to fit over wide lipped polyethylene bucket liners, as well as any standard sized lip.
- 16"W X 21"H

EST1829BL1 **\$190.00**



Bashlin® Tool Board

- Made of ABS plastic
- Light, durable material does not fray or flake and has superior cold weather characteristics.
- Built and arranged with the worker in mind. They save precious space in the basket, yet keep the tools in a handy position.
- Holds standard hand tools including wrenches, hammer, pliers, Channellock, knife, screwdriver and rule.
- Has 25B canvas bag attached.
- 18" x 20"

BAS708 **\$180.00**





Hastings® Tool Board

• One piece design fits both buckets with and without liners

• Special designed bracket enables the tool boards to be easily installed and removed without tools

• Each board has a four pocket leather tool pouch, leather knife pouch, nylon loops, and hammer loop

• Utility bag is heavy duty Cordura

• A wide leather loop is riveted on the top of bag for easy access with rubber gloves

HAS05829

\$160.00

HAS05829L

Lighted Option

\$385.00

• Lights above the Cordura bag and lights along the entire bottom of board. Ideal for night time and low light conditions.

• Battery and switch operated. 2 AA batteries included.



Hastings® Tool Board

• Tool board can be used on curved, square, and rectangle bucket designs

• Designed for easy removal and installation

• Used with tool hanger hooks - includes a pair

• Each board has a four pocket leather tool pouch, leather knife pouch, nylon loops, and hammer loop

• Utility bag is made from heavy duty Cordura

• A wide leather loop is riveted on the top of bag for easy access with rubber gloves

HAS05824

\$185.00

HAS05824L

Lighted (shown)

\$373.00

• Lights above the cordura bag and lights along the entire bottom of board. Ideal for night time and low light conditions.

• Battery and switch operated. 2 AA batteries included.

Hastings® Tool Board with Socket Holder

• One piece design fits both buckets with and without liners

• Same configuration as Tool board HAS05829 above, with a socket holder

• Holds deep throat sockets from 1/2" to 1"

HAS05830

\$257.00



Hastings® Combination Tool Board and Tool Tray

• Tool board HAS05829, this page, combined with the Tool Tray HAS05955 (pg 47)

• Separates your hand tools from loose hardware, bolts and connectors

• Creates more storage space without taking up bucket space

HAS058299

\$336.00



Jameson® Tool Board

• Leather tool pouches and drop-in loops.

• Fixed bucket mount

• 22.5" x 18"

JAM2425

\$136.00



Bags, Buckets & Pouches

•Holsters •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holsters •Glove Bags



Buckingham® 3/4" PVC Hook

• Sold in pairs

BUC5034 **\$16.00**



Buckingham® Nylon Hook 5/8"

- Made of 100% nylon and is virtually indestructible if used correctly.
- Stretches horizontally without breaking at 1000 lbs.
- Retains its physical properties up to 200° F and as low as -40 degrees F.
- Fits 3" bucket lip. 5/8" stock
- Sold in pairs.

BUC2403 **\$30.00**



Buckingham® Polymer Blanket Hook 1/2"

- Strong polymer hook
- 1/2" tapered end allowing the user to hang at most 4 rubber blankets from an aerial basket without ripping the eyelets.
- Fits up to a 3" wide bucket lip.
- Sold as single hooks

BUC2405 **\$17.00**



Estex® Polymer Hook 3" Wide

- Injection molded part, which insures strength and consistent quality
- High break strength and are resistant to cold weather
- 11/16" Diameter
- Also keeps lintens from bouncing out
- Engineered to fit new high load lifts
- Sold as single hooks

EST1831 Fits 3" Lip **\$16.00**

EST1830 Standard Lip **\$13.00**

Jameson® S-Hooks

- Used to attach canvas bags to aerial bucket lip
- Molded from rugged, weather resistant polymer.
- Sold as single hooks

JAM2401 2" wide **\$8.50**

JAM2411 3" wide **\$9.50**



JAM2401



JAM2411

Bashlin® PVC Hook PVC Standard Buckets

- 5/8" Diameter, fits standard bucket
- Rugged PVC hook for hanging bags or tools on the lip of an aerial device.
- Good cold weather performance
- Can help clean up a tight work space
- Sold as single hooks

BAS712 **\$8.00**



Bashlin® Polymer Hook 3" Lip Buckets

- Top is 3 1/2", Opening is 1 1/4"
- Durable polymer hook for the aerial devices with a 3" lip
- Great cold weather performance
- Sold as single hooks

BAS712P3 **\$19.00**





HAS05832

Hastings® Molded Impact Wrench Holder

- Attaches to buckets with and without liners
- Holder can be mounted inside or outside
- Top bracket can be moved to either side to enable holder to be used right or left handed
- Two drill bits can be stored in the multi-purpose holder
- Includes Velcro® hold down strap to keep wrench in place

HAS05832 Impact wrench and drill holster **\$158.00**

HAS05834 Same as HAS05832 with 4" Wide bracket **\$183.00**

HAS05831 Multi-purpose impact wrench and drill holster. Full length design for protection from sharp pole bits **\$190.00**

HAS05833 Same as HAS05831 with 4" Wide bracket **\$250.00**

HASP19157 L-Bracket fits HAS05831 and HAS05832 **\$44.00**



HAS05831



Hastings® Outside Tool Tray

- Compact
- Light weight Polyethylene
- Outside mount
- Ideal for connectors, bolts, and nuts
- Fits buckets with and without liners

HAS05951 7.5" D x 6" W x 14" L **\$161.00**

HAS05955 7.5" D x 6" W x 20" L **\$174.00**



Jameson® Compact Double Tool Holder

- Double pocket tool holder
- Inner pocket 6.25" X 2.25" X 17"
- Outer pocket 5.25" X 12.5" X 15"
- Adjustable clamp bracket

JAM2415D **\$165.00**



Buckingham® Molded Impact Wrench Holster

- Built-in hanger to fit over 3¾" basket lip
- Accepts most impact wrenches
- B2 bumper is available
- Length-13", Width-9½"

BUC4522M **\$124.00**



Jameson® Circular Saw Holder

- Store tools outside the bucket
- Made from high impact plastic
- Can be strapped to round or square booms
- 12" x 9"

JAM2402 **\$195.00**



Jameson® Multi-Use Tool Tray with Dividers

- Fixed bucket mount
- Adjustable interior dividers
- UV stable and weatherproof
- 23" L x 14" W x 8" H

JAM2417 **\$125.00**

Bags, Buckets & Pouches

•Holsters •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holsters •Glove Bags



PIP® Novax® Nylon Glove Storage Bag - 14"

- Used for storing and carrying Novax® rubber insulating gloves.
- Light weight with plastic hook for mounting
- Snap closure
- Nylon bag for 14' rubber insulating glove
- Black color
- One Size

PIP1482142 **\$12.00**

PIP® Novax® Canvas Protective Bag - 14"

- Used for storing and carrying Novax® rubber insulating gloves.
- Heavy duty with a heavy metal hook for mounting
- Snap closure
- Natural color

For use with glove size

PIP1486014	14"	\$22.00
PIP1486016	16"	\$24.00
PIP1486018	18"	\$25.00



Bashlin® Linemen's Glove Bags

- Made of heavy duty cotton duck
- Double sewn and includes drain holes in the bottom.
- Button snap closures and an attachment hook are standard.
- These bags are the best way to ensure proper protection of rubber gloves.

BAS24	Standard opening (14" gloves)	\$16.00
BAS24LB	Bellows opening (16" gloves)	\$18.00
BAS24L2P	2 pocket glove bag (16" gloves) for a combination of high and low voltage rubber gloves	\$25.00

Estex® Glove Bag - 16" Gloves

- Canvas bag for high voltage gloves, snap fasteners
- Quick release snap on back, leather reinforcement
- 8" L X 4" W X 18" H
- Made from #10 canvas duck and is double stitched on all seams.
- Flap over the top with snap fasteners.
- Quick release snap for attachment to belt on the back, which is reinforced inside and outside with leather. Both the snaps and quick release snap are nickel plated to prevent rust.
- Rivets are capped to prevent scratching of the rubber gloves.
- Grommets in the bottom provide drainage.
- Stress points have extra stitching

EST2223 **\$23.00**



Estex® Glove Bag - 18" Gloves

- Canvas bag for low voltage gloves, snap fasteners
- Quick release snap on back, leather reinforcement
- 8" L X 4" W X 20" H
- #10 canvas duck and is double stitched on all seams.
- Quick release snap for attachment to belt on the back, which is reinforced inside and outside with leather. Both the snaps and quick release snap are nickel plated to prevent rust.
- Rivets are capped to prevent scratching of the rubber gloves.
- Grommets in the bottom provide drainage.
- Stress points have extra stitching

EST2226 **\$24.00**



Bags, Buckets & Pouches

•Holsters •Holders •Tethers •Bolt Bags & Pouches •Buckets & Bags •Equipment Bags •Aprons •Boards •Hooks •Bucket Holsters •Glove Bags

Estex® Canvas Sleeve Bag

- Heavy Canvas Sleeve Bag
- It is tapered from 9" at the top to 7" at the bottom.
- Flap over the opening secured with snap fasteners.
- On the back of the bag there is a quick release snap for belt attachment. It is sewn to the bag and then riveted with leather pieces on the inside and outside of the bag. The rivets are capped to prevent scratching of the rubber sleeves.
- All seams are double stitched and stress points have extra stitching.
- Also has a "D" ring to attach a glove bag
- 9" L X 2" W X 28" H

EST2310

\$31.00



Klein® Combination Glove and Sleeve Bags

- Panels are tough No. 4 canvas.
- Provides separate storage for gloves and sleeves.
- Brass grommets in bottom for ventilation.
- Supplied with two-way snap.
- Bottom Depth: 4 13/16"
- Bags are 8" wide. Choice of Length

Length

KLE512216	16"	\$52.00
KLE512218	18"	\$53.00



Buckingham® Canvas Sleeve Bag

- A sleeve bag that is made of heavy duty canvas. Holds 29" sleeves. Tapered to support sleeves when hung on belt.
- Quick releases snap on back and a snap closure top.

BUC528

\$33.00



Klein® Sleeve/Glove Bags #8 Canvas

- Made of durable No. 8 canvas.
- Has an expansion gusset 5 1/2" on top and 2 3/4" at bottom.
- Brass grommets in bottom for ventilation.
- Equipped with two-way snap on the back.
- Bottom Depth: 4"
- Width: 8"

Top width Length

KLE512415	4"	15"	\$29.00
KLE512217	4"	17"	\$29.00
KLE512219	5 1/2"	19"	\$30.00



Buckingham® Sleeve Bag



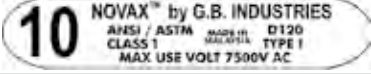



- A 30" long sleeve bag that can fit up to 29" sleeves.
- An added glove bag pocket and a hook and loop hanger inside the bag to keep sleeves from falling to the bottom.
- Has a liner/glove dust pouch.
- 30" L x 3" W

BUC5231

\$46.00



ASTM Labeling Chart For Rubber Insulating Gloves

Class Color	Novax® Glove Label	Test AC Volts	Use AC Volts	Use DC Volts
00 BEIGE	 NOVAX™ by G.B. INDUSTRIES ANSI / ASTM MADE IN D120 CLASS 00 MALAYSIA TYPE I MAX USE VOLT 500V AC	2,500	500	750
0 RED	 NOVAX™ by G.B. INDUSTRIES ANSI / ASTM MADE IN D120 CLASS 0 MALAYSIA TYPE I MAX USE VOLT 1000V AC	5,000	1,000	1,500
1 WHITE	 NOVAX™ by G.B. INDUSTRIES ANSI / ASTM MADE IN D120 CLASS 1 MALAYSIA TYPE I MAX USE VOLT 7500V AC	10,000	7,500	11,250
2 YELLOW	 NOVAX™ by G.B. INDUSTRIES ANSI / ASTM MADE IN D120 CLASS 2 MALAYSIA TYPE I MAX USE VOLT 17000V AC	20,000	17,000	25,500
3 GREEN	 NOVAX™ by G.B. INDUSTRIES ANSI / ASTM MADE IN D120 CLASS 3 MALAYSIA TYPE I MAX USE VOLT 33000V AC	30,000	25,500	39,750
4 ORANGE	 NOVAX™ by G.B. INDUSTRIES ANSI / ASTM MADE IN D120 CLASS 4 MALAYSIA TYPE I MAX USE VOLT 33000V AC	40,000	36,000	54,000

How do I determine my glove size?

ASTM D120 section 8.2 provides the measurements of the diameter of the palm for manufacturers, measured at the midpoint of the palm, plus or minus 1/2". Wrap the tape all the way around your palm at the point shown to the right. This is the glove size needed. Personal preference for tightness and finger length will ultimately determine the size that you are most comfortable wearing.



LEATHER PROTECTORS

What size of leather protector should I use?

Leather protectors should always be worn with rubber insulating gloves. ASTM F696 provides the specification for the manufacture of Leather Protectors. They are sized to be worn on the same size rubber insulating glove, so if you wear a size 10 rubber insulating glove you should order a size 10 leather protector.

When should leather protectors be used?

Leather protectors should be worn unless the dexterity required to perform the task requires that rubber insulating gloves are worn alone. OSHA has specific requirements associated with the use of protectors and the end-user is responsible to make sure they are in compliance. But remember that a leather protector alone does not provide any electrical insulating protection.

What length of leather protector should I use?

In the ASTM standards specifying the characteristics of the protectors there are regulations on how much of the rubber glove can be exposed at the top (near the cuff.) Due to this, certain leather protectors are used with specific classes of rubber gloves according to their length. The protectors are not interchangeable with the different classes of rubber gloves.

Gap between the top of the glove to the top of the leather protector:

- Class 00 & 0 no less than a 1/2"
- Class 1 no less than a 1"
- Class 2 no less than a 2"
- Class 3 no less than a 3"
- Class 4 no less than a 4"

PIP® Novax® Rubber Insulating Gloves - Bell Cuff

- Contoured shape and softness reduces hand fatigue
- Bell cuff increases comfort on the job
- Individually numbered for traceability and stamped with factory manufacturing date
- Inspected and packed according to the requirement in ASTM D120 and EN 60903



Class 1	Length	Size	Color	
PIP155116	16"	8-12	Black/Orange	\$103.00
PIP158118	18"	8-12	Black/Orange	\$129.00
Class 2	Length	Size	Color	
PIP159216	16"	8-12	Black/Orange	\$180.00
PIP159218	18"	8-12	Black/Orange	\$180.00
Class 3	Length	Size	Color	
PIP159316	16"	9-12	Black/Orange	\$236.00
PIP159318	18"	9-12	Black/Orange	\$236.00
Class 4	Length	Size	Color	
PIP159416	16"	9-12	Black/Orange	\$368.00
PIP159418	18"	9-12	Black/Orange	\$368.00

PIP® Electrical Safety Kits

- Kit Includes rubber insulating glove, protector and storage bag.
- Please specify size 7-12 when ordering.

	Class	Length	Color	
PIP150SK00	00	11"	Black	\$78.00
PIP147SK00	00	11"	Orange	\$78.00
PIP150SK0	0	11"	Black	\$84.00
PIP147SK0	0	11"	Orange	\$84.00
PIP150SK1	1	14"	Black	\$114.00
PIP147SK1	1	14"	Orange	\$114.00
PIP150SK2	2	14"	Black	\$139.00
PIP147SK2	2	14"	Black	\$139.00
PIP155SK2	2	14"	Black/Orange	\$140.00



Leather Protectors

- A leather protector is only to be used for mechanical protection for rubber insulating gloves. Not to be used for electrical protection per ASTM F696-02.
- Top Grain Goatskin leather - soft, abrasion-resistant and is highly recommended for applications requiring tactile sensitivity, durability and dexterity
- Cotton color binding denotes sizing
- **Leather protectors are sized to be worn on the same size rubber insulating glove so if you wear a size 10 rubber insulating glove you should order a size 10 leather protector.**



PIP® Top Grain Goatskin Leather Protector for Novax® Gloves • Driver's Style

- For use with Class 00-0 rubber insulating Novax® gloves.
- Drivers gloves feature slip-on styling
- Keystone thumb is ergonomic, reduces hand fatigue, offers superior dexterity and durability
- Fourchettes between the fingers enhance the natural contour of the glove

Class Length	
PIP1481000	00-0 10" \$18.00

Please specify size 7-12 when ordering



PIP® Top Grain Goatskin Leather Protector for Novax® Gloves • Gauntlet Cuff

- For use with Class 00-0 rubber insulating Novax® gloves.
- Split leather gauntlet cuff for added forearm protection and fast removal
- Keystone thumb is ergonomic, reduces hand fatigue, offers superior dexterity and durability
- Fourchettes between the fingers enhance the natural contour of the glove for a better fit

Class Length	
PIP1482000	00-0 13" \$21.00

Please specify size 7-12 when ordering



PIP® Top Grain Goatskin Leather Protector for Novax® Gloves Gauntlet Cuff

- For use with Class 1-2 rubber insulating Novax® gloves.
- Split leather gauntlet cuff for added forearm protection and fast removal
- Straight thumb increases comfort in closed-fisted work
- Nylon strap with buckle for a secure fit

Class Length	
PIP1485000	1-2 12" \$21.00

Please specify size 8-12 when ordering

PIP® Top Grain Goatskin Leather Protector for Novax® Gloves Gauntlet Cuff

- For use with Class 3-4 rubber insulating Novax® gloves.
- Split leather gauntlet cuff for added forearm protection and fast removal
- Straight thumb increases closed-fisted comfort
- Nylon strap with buckle for a secure, personal fit

Class Length	
PIP1487000	3-4 14" \$23.00

Please specify size 9-12 when ordering



PIP® Top Grain Goatskin Leather Protector for Novax® Gloves Gauntlet Cuff

- For use with Class 1-4 rubber insulating Novax® gloves.
- Split leather gauntlet cuff for added forearm protection and fast removal
- Straight thumb for comfort in closed-fisted work
- Nylon strap with buckle for a secure, personal fit

Class Length	
PIP1486000	1-4 14" \$23.00

Please specify size 8-12 when ordering



PIP® Top Grain Cowhide Leather Protector for Novax® Gloves Gauntlet Cuff

- For use with Class 1-2 rubber insulating Novax® gloves.
- Cowhide leather construction provides comfort, durability, abrasion resistance, and breathability
- Smooth, durable and offers dexterity
- Split leather gauntlet cuff for added forearm protection and allows for fast removal
- Straight thumb increases closed-fisted comfort
- Nylon strap with buckle for a secure fit

Class Length	
PIP1484000	1-2 12" \$21.00

Please specify size 7-12 when ordering





Kunz® Glove Protectors

- Free thumb designed rubber insulating gloves allows more stretch in the palm and thumb of the glove. Less effort is required to fully open the hand reducing fatigue
- Made from specially tanned cowhide grain leather that is uniform, pliable and soft.
- Ideal for heavy wear and a traditional feel

	Length	
KUN10503	12"	\$37.00
KUN10504	13"	\$38.00
KUN10505	14"	\$38.00
KUN10506	15"	\$39.00
KUN10507	16"	\$39.00

Specify your Rubber glove size (8-12) when ordering

Kunz® Low Voltage Protectors • 10"

- Made from Pearl-colored goatskin grain leather with shirred elastic back.
- Sewn inseam in the Gunn cut pattern.
- Specially designed and manufactured to current ASTM F696 specs as mechanical protection from 11" or 14" low voltage Class "0" rubber insulating gloves as described in ASTM D120.
- Allows for flexibility and dexterity required for secondary work operations

KUN999 \$27.00

Specify your Rubber glove size (7-12) when ordering



Kunz® 4" Gauntlet

- Uses Gunn pattern with strong nylon thread
- Reinforced welted thumb seams and Davey tips on fingers give extra wear and prevent seams from ripping in critical locations
- Leather welt at the base of the fingers gives extra protection for a heavy wear area
- Reinforced thumb strap makes this design the most durable.
- 4.5" lined split leather cuff for arm protection
- Elastic back prevents slipping

KUN148S	S	\$41.00
KUN148M	M	\$41.00
KUN148L	L	\$41.00
KUN148XL	XL	\$41.00

Kunz® 2" Cuff

- Sewn in the Gunn pattern with strong nylon thread
- Reinforced welted thumb seams and Davey tips on fingers give extra wear and prevent seams from ripping in critical locations
- Leather welt at the base of the fingers gives extra protection for a heavy wear area
- Slip on style
- 2" split leather safety cuff has reinforcing wrist pad and offers limited arm protection

KUN400S	S	\$38.00
KUN400M	M	\$38.00
KUN400L	L	\$38.00
KUN400XL	XL	\$38.00



Ergodyne® Grabber™ - Belt Clip 3405

- Clips to belts, tool belts, pants and other clothing
- Detachable, usable with carabiners, D-rings, etc.
- Breakaway feature
- Dielectric/non-conductive material
- Durable, ultra-resilient acetal copolymer
- Patented

ERG19122	Black	\$2.95
ERG19127	Blue	\$2.95
ERG19128	Hi-Vis Orange	\$2.95
ERG19129	Hi-Vis Lime	\$2.95



Ergodyne® Grabber™ - Dual Clip 3400

- Clips to clothing, belts, tool belts and D-rings
- Detachable, usable with carabiners, D-rings, etc.
- Breakaway feature
- Dielectric/non-conductive material
- Durable, ultra-resilient acetal copolymer
- Patented

ERG19112	Black	\$2.95
ERG19117	Blue	\$2.95
ERG19118	Hi-Vis Orange	\$2.95
ERG19119	Hi-Vis Lime	\$2.95





Youngstown® Leather Utility Plus

- ARC-RATED 20.8 cal/cm² (HRC) 2
- 4" safety cuff for wrist protection
- Durable high quality 0.9M m goatskin leather
- Ergonomic, 3D performance glove pattern form-fits to hand
- Extra wide pattern reduces hand fatigue and increases comfort

• Meets NFPA 70e – 2012 Standard

YOU11324560S	S	\$33.00
YOU11324560M	M	\$33.00
YOU11324560L	L	\$33.00
YOU11324560XL	XL	\$33.00
YOU113245602XL	2XL	\$33.00

Youngstown® Leather Utility Wide-Cuff

- Meets NFPA 70e – 2012 Standard
- 7.5" Wide traditional lineman cuff
- Durable high-quality goatskin leather
- Increased comfort, dexterity, efficiency & safety
- Ergonomic, 3D performance pattern form-fits to hand and reduces hand fatigue
- Knuckle reinforcement protects against scrapes & bumps

YOU11325560S	S	\$33.00
YOU11325560M	M	\$33.00
YOU11325560L	L	\$33.00
YOU11325560XL	XL	\$33.00
YOU113255602XL	2XL	\$33.00



Youngstown® FR Waterproof Leather Lined with Kevlar

- ARC RATED to 50 cal/cm² (HRC 4).
- Meets NFPA 70e – 2012 Standard
- Flame resistant - Exceeds ASTM F2302 & D6413 Standard
- ARC-RATED 50 cal/cm² (HRC 4)
- Cut-Resistant Level 2 on ANSI/ISEA 105-2005 Standard
- 5X more cut-resistant than unlined leather
- 100% Waterproof & windproof
- 4" Safety cuff for wrist protection
- Keeps hands warm, dry & protected
- Entire glove is sewn into an ergonomic, 3D pattern to provide superior dexterity, comfort and durability

• Made of triple layer technology consisting of a high quality goatskin outer shell, 100% waterproof & windproof membrane and a liner made of 100% Kevlar® fiber.

YOU11328560S	S	\$56.00
YOU11328560M	M	\$56.00
YOU11328560L	L	\$56.00
YOU11328560XL	XL	\$56.00
YOU113285602XL	2XL	\$56.00

Youngstown® FR Leather Utility Lined with Kevlar

- Meets NFPA 70e – 2012 Standard
- ARC-RATED 27.7 cal/cm²
- Hazard risk category (HRC) 3
- Cut-Resistant Rating Level 2 on ANSI/ISEA 105-2005 Standard
- 5x more cut-resistant than unlined leather
- 4" Safety cuff for wrist protection
- Durable high quality 0.9M m goatskin leather
- Ergonomic, 3D performance glove pattern form-fits perfectly to hand
- Extra wide pattern reduces hand fatigue and increases comfort.

YOU11328060S	S	\$47.00
YOU11328060M	M	\$47.00
YOU11328060L	L	\$47.00
YOU11328060XL	XL	\$47.00
YOU113280602XL	2XL	\$47.00





PIP® Leather Palm Gloves

- Split leather palms with safety cuffs
- Starched or Denim fabric cuff, Gunn pattern
- Economy series
- One Piece Palm
- Blue, Black & red striped Fabric back
- Cotton lined palm for extra comfort
- Elastic closure sewn inside glove to safety and comfort
- Leather knucklestrap and finger tips for extra protection
- Great for construction, material handling and general maintenance

Priced Per Dozen

PIP857500SS	S	\$24.00
PIP857500SM	M	\$24.00
PIP857500SL	L	\$24.00
PIP857500SXL	XL	\$24.00



PIP® Double Palm Leather Gloves

- Silver Series
- A/B Select Shoulder grade
- Blue & Green Striped
- Rubberized SC Fabric Back

PIP827763S	S	\$4.00
PIP827763M	M	\$4.00
PIP827763L	L	\$4.00
PIP827763XL	XL	\$4.00

PIP® Economy Grade Top Grain Pigskin Leather Palm Glove Fabric Back • Safety Cuff

- Pigskin leather construction is highly breathable due its porous texture, becomes softer with use and withstands moisture without stiffening
- Cotton lined palm for extra comfort
- Gunn cut pattern for excellent durability, wear and comfort, especially for heavier gloves
- Wing thumb increases comfort in open-handed work
- Fabric back for breathability, flexibility
- Leather knuckle strap and finger tips for extra protection
- Elastic closure sewn inside glove
- Safety cuff protects wrist, fast removal
- Cotton color binding denotes sizing

PIP873563S	S	\$6.00
PIP873563M	M	\$6.00
PIP873563L	L	\$6.00
PIP873563XL	XL	\$6.00



Buckingham® Arm Protectors

- Designed to prevent splinters in the forearm during apprentice lineman training.
- Made from 100 denier cordura for durability.
- Length 16"

BUC5Y2M **\$21.00**



Klein® Lineman's Work Glove

- 4" leather and Neoprene cuffs with side vents.
- Soft grain leather construction with reinforced leather palm and finger patches.
- Double-row padded knuckles for durability.
- Black spandex back

KLE40080	M	\$29.00
KLE40082	L	\$29.00
KLE40084	XL	\$29.00

Klein® Journeyman Heavy-Duty Gloves

- Fingers feature slip-resistant material for better grip and wear.
- Protective Thermal Plastic Rubber (TPR) finger patches.
- Double row padded knuckle for added protection.
- Palm features slip-resistant construction for better gripping power.
- Hook and loop cuff for secure fit.
- Extended cuff for easier on/off.
- Spandex material for increased comfort.

KLE40038	M	\$16.00
KLE40039	L	\$16.00
KLE40040	XL	\$16.00





Youngstown® Tradesman Plus

- Designed for superior dexterity, comfort and value.
- Double layer of synthetic suede throughout the palm, fingers and thumb along with a terry cloth brow wipe and moisture wicking fabrics
- Double layer synthetic suede on palm, fingers and thumb
- Breathable stretch nylon on top of hand wicks moisture and heat
- Terry cloth brow wipe on thumb
- Medium abrasion resistance.
- Machine washable/air dry

YOU06304070S	S	\$14.00
YOU06304070M	M	\$14.00
YOU06304070L	L	\$14.00
YOU06304070XL	XL	\$14.00
YOU063040702XL	2XL	\$14.00

Youngstown® Hybrid Plus

- Fusion of traditional leather with high performing synthetic materials, all double stitched into a dexterous and durable performance work glove.
- Internal knuckle protection is sewn into the top of hand.
- Heavy duty fourchettes, a reinforced saddle between thumb and index finger, and a three dimensional design pattern ensure a comfortable fit throughout the work day.
- Palm is made of high quality goatskin leather
- Stretch mesh directional top of hand wicks away heat and moisture
- Double-stitched bonded nylon thread on palm and finger reinforcements
- Slip fit cuff for easy on/off access

YOU12318070S	S	\$19.00
YOU12318070M	M	\$19.00
YOU12318070L	L	\$19.00
YOU12318070XL	XL	\$19.00
YOU123180702XL	2XL	\$19.00



Youngstown® Heavy Utility XT

- 4" safety cuff for superior wrist protection
- Double knuckle protection and moisture wicking stretch nylon
- Double knuckle protection
- Non-Slip palm reinforcement for grip and durability
 - Youngstown's signature SuperSaddle™
 - Breathable stretch nylon on top of hand
 - Terry cloth brow wipe on thumb

YOU04350070S	S	\$23.00
YOU04350070M	M	\$23.00
YOU04350070L	L	\$23.00
YOU04350070XL	XL	\$23.00
YOU043500702XL	2XL	\$23.00

Youngstown® General Utility Lined with Kevlar

- Entirely lined with cut-resistant Dupont™ Kevlar® fiber
- Palm exceeds a cut performance level 3 rating according to ANSI/ISEA 105-2005 standard
- Durable, non-slip reinforced fingers, palm & thumb
- Neoprene cuff adds support and secures fits
- Terry cloth brow wipe on thumb
- Machine washable/air dry

YOU05308070S	S	\$25.00
YOU05308070M	M	\$25.00
YOU05308070L	L	\$25.00
YOU05308070XL	XL	\$25.00
YOU053080702XL	2XL	\$25.00
YOU053080703XL	3XL	\$25.00





Bashlin® Linemen's Blankets

- Type I: Natural Rubber
- Type II: Ozone resistant synthetic material
- Meets or exceeds all current ASTM specs

Type I 20kV - Black	Size	
BASLB127	27" x 36"	\$131.00
BASLB136	36" x 36"	\$133.00

Type II 40kV - Orange	Size	
BASLBS127	27" x 36"	\$129.00
BASLBS136	36" x 36"	\$136.00



Bashlin® Slotted Linemen's Blankets

- Type II blankets are available with 2" or 4½" center holes
- 36" x 36", Orange
- Rating: 40kV

	Center Hole	
BASLBS136SL	2"	\$155.00
BASLBS136SL4	4½"	\$155.00



Bashlin® Zip-On Linemen's Blankets

- Type II blankets use hook and loop fasteners for easy application
- Ideal for cross arm braces and primary elbows
- Orange
- Rating: 40kV

	Size	
BASLBSV118	18" x 36"	\$127.00
BASLBSV127	27" x 36"	\$178.00

Bashlin® Blanket Clamps

- Reduce mechanical wear on blankets

Wooden Clamp	Length	Opening	
BASLBC160	8½"	4¾"	\$14.00
Nylon Clamp	Length	Opening	
BASLBCP160	9½"	5"	\$15.00



Utility Solutions® Blanket Clamps

- 10" x 5" x .75" • Box of 10

UTSUSBA001 Hand operable Blanket Clamp \$105.00

UTSUSBA002 Designed for remote operation with shotgun stick - with Rings \$120.00



Bashlin® PVC Insulating Sheeting

- Great way to cover and protect from electrical apparatus in low voltage less than 7500v applications
- This "one use" material comes in a 50' roll that is 36" wide. Simply cut off what is needed and keep the rest for later.

BASPVC13650 \$608.00

PIP® Evolution™ Deluxe 6161 Full Brim Hard Hat



- High-Density Polyethylene (HDPE) shell with a full brim
- Extended back brim helps protect neck and ears from the sun's UV rays, as well as a run-off for rain and snow... short front brim shades the face while allowing excellent visibility
- Brim includes finger grips on front and rear, as well as a textured underside to reduce reflection/glare
- 6-Point suspension system with polyester textile straps is comfortable

- Unique "3D Adjustment" provides a precise fit using harness depth settings... unlike any other hard hat on the US market today
- Evolution Wheel Ratchet is easy to use and creates a firm comfortable fit
- Chamlon™ sweatband
- Universal slots to fit various accessories
- Packed ready-to-wear with no installation of the suspension required
- Meets ANSI/ISEA Z89.1-2009, Type I, Class E requirements

PIP280EV616110	White	\$16.00
PIP280EV616120	Yellow	\$16.00



PIP® ARC Shield with Hard Hat

ARC Shield attached to PIP280EV612180 Evolution® 6121 Standard Brim Hard Hat

SHIELD:

- 12 Cal/cm2
- Hazard Risk: 2HRC

HARD HAT:

- HDPE Shell
- 6-Point Polyethylene Suspension
- Slip Ratchet Adjustment

PIP915056510 **\$75.00**



MSA® Elastic Chin Straps

MSA88128	with Plastic Hooks	\$5.95
MSA81391	with Plastic Snap Ends	\$5.95



MSA® V-Gard™ Hard Hats

Meets ANSI requirements for top impact. Made of polyethylene. Ratchet-type suspension.

MSA475358	White	\$13.95
MSA475360	Yellow	\$13.95
MSA475369	White - FULL BRIM	\$18.95
MSA475366	Yellow - FULL BRIM	\$18.95



PIP® Evolution™ Deluxe 6151

- High-Density Polyethylene (HDPE) shell with five raised channels running across the top for strength, and an extended back area for extra protection
- 6-Point polyester textile suspension system for comfort
- Unique "3D Adjustment" provides a precise fit using harness depth settings
- Evolution Wheel Ratchet creates a firm comfortable fit
- Chamlon™ sweatband
- Universal accessory slots accepts virtually any competitors' accessories

- Packed ready-to-wear
- Meets ANSI/ISEA Z89.1-2009, Type I, Class E requirements

- Also meets the ANSI requirements for Reverse Donning and Lower Temperature
- Standard Brim
- Non-Vented

PIP280EV615110	White	\$13.00
PIP280EV615120	Yellow	\$13.00



MSA® Replacement Ratchet Suspension

- This premium suspension liner includes headband, nape strap, sweatband and crown straps.
- One-handed ratchet adjuster provides an easy-to-use, comfortable fit.
- Designed for easy clip-in to the V-Gard hat or cap shell

MSA10087220 **\$12.95**





Da Brim® Feldspar Visor for Climbing Helmets

- Fits helmets upto 29.5"
- Installs quickly and easily without modification to your helmet or use of sticky adhesives
- Air still flows freely through helmet vents
- Works with headlamps and hydration packs
- Flexible
- UPF50+ Sun Protection and helps block glare
- Made of 200d Nylon
- Weighs just 3.5 ounces
- 3" front and side brims and a 3.5" back brim that drops by 1.5" for additional neck shade
- Color: Grey top with black bottom

DABFELDSPAR **\$37.95**

Starlite® Safety Glasses

- Incredibly light, all-around impact protection
- Scratch-resistant, hardcoated 100% polycarbonate lenses
- Lens blocks more than 99.9% of UV-A and UV-B light
- Meets or exceeds ANSI Z87.1+ standard

GAT4683	Smoke	\$4.95
GAT467M	Gold Mirror	\$4.95
GAT468M	Silver Mirror	\$4.95
GAT4680	Clear	\$4.95
GAT460M	Clear Mirror	\$4.95
GAT469M	Blue Mirror	\$4.95



PIP® Cooling Towel

- Activated in a small amount of water, the amazing fabric feels cooler than the ambient temperature and will remain cool for hours.
- Measures 31" x 13". You may cut the towel size and wrap around your head, neck, wrists or use under a ventilated cap. If it dries out just re-wet.
- Rinse well before first use. To store, place damp towel back in the storage container. Gentle machine wash with mild soap.

PIP396602B **\$9.00**

PIP® EZ-Cool FR Treated Hi-Vis Hard Hat Visor

- FR treated material is designed to prevent after-flame. NOT designed for use in ARC flash or flash fire applications. When a flame source is removed from the treated material, the material will self extinguish. The treated material can melt and drip and has a limited life span dependant on washings and what the garment is exposed to.
- Shields eyes and neck from the sun
- Elastic at back for secure fit
- High visibility fabric and silver reflective tape
- FR treated up to 25 washes
- Fits most hard hats

PIP396801FRYEL **\$10.00**



PIP® Anser™

- Semi-rimless frame
- Bayonet temples with flexible rubber tips
- Soft rubber nose pads
- Adjustable neck cord included
- Anti-scratch coating
- Meets ANSI Z87.1+ 2003 High Impact Requirements

	Lens Color	Semi-Rimless Frame Color	
PIP250AN10110	Clear	Black	\$4.25
PIP250AN10112	Gray	Black	\$4.25
PIP250AN10114	Indoor/Outdoor	Black	\$4.25
PIP250AN10120	Amber	Black	\$4.25
PIP250AN10122	Amber	Camo	\$6.00

Brazeau™

- Black frame
- Choice of lens color



Anti-Reflective Lens Shown

Standard Polycarbonate Lenses

WOLXB111AR	Anti-Reflective	\$15.95
WOLXB116	Smoke	\$15.95
WOLXB117	Silver Mirror	\$15.95

Brazeau Designer Series

Choice of designer frames shown below • Smoke and Polarized Smoke Lens options

White Frame Lenses

WOLXB146	Smoke	\$19.95
WOLTXB246	Polarized Smoke	\$33.95

Torque Frame Lenses

WOLXB136	Smoke	\$19.95
WOLTXB236	Polarized Smoke	\$33.95

Gargoyle Frame Lenses

WOLXB116G	Smoke	\$19.95
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Skull Frame Lenses

WOLXB116S	Smoke	\$19.95
WOLTXB216S	Polarized Smoke	\$33.95

Shark Frame Lenses

WOLXB116K	Smoke	\$19.95
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WHITE

TORQUE

GARGOYLE

SKULL

SHARK



All Edge Eyewear glasses are compliant with:
 - ANSI Z87.1 + 2010
 - Military MCEPS GL-PD 10-12

Dakura™

- Black frame
- Choice of lens color
- Standard Polycarbonate Lenses



Silver Mirror Lens Shown

	Lens Color	
WOLSW111	Clear	\$12.95
WOLSW111AR	Anti-Reflective	\$12.95
WOLSW115	Copper (Driving Lens)	\$12.95
WOLSW116	Smoke	\$12.95
WOLSW117	Silver Mirror	\$12.95
WOLSW111AF	Clear Anti-Fog Lenses	\$13.95

Dakura™ Camo

- Camo design frame
- Choice of lens color
- Standard Polycarbonate Lenses



Copper Lens Shown

	Lens Color	
WOLSW115CF	Copper (Driving Lens)	\$12.95
WOLSW116CF	Smoke	\$12.95

Khor™

- Black & Silver frame
- Standard Polycarbonate Lenses



Blue Mirror Lens Shown

WOLSDK116	Smoke	\$15.95
WOLSDK118	Blue Mirror	\$15.95

Reclus™

- Black frame



Aqua Precision Red Mirror Lens Shown

Standard Polycarbonate Lenses

WOLSR116	Smoke	\$16.95
WOLSR117	Silver Mirror	\$16.95
WOLSR118	Blue Mirror	\$16.95
WOLSRAP119	Aqua Precision Red Mirror	\$16.95
WOLSR111AR	Anti-Reflective	\$16.95

Polarized Lenses

WOLTSRG216	Gradient	\$32.95
WOLTSR21-G15-7	G-15 Silver Mirror	\$32.95



Fall Protection and Rescue Training:

SafetyLMS teaches to the ANSI Z359 and NATE CTS/CTP. Following these two documents means that we certify four levels of climber: Authorized Climber, Authorized Rescuer, Competent Climber and Competent Rescuer.

Lattice Structure Rescue **\$600.00**

This course is designed to teach the climber the basic techniques of rope rescue from a lattice structure using the most popular descent control and rescue devices. The course includes hands on instruction and rescue practice in the following scenarios: Rescue by Lower from Above, Rescue by Lower from the Ground, Companion Rescue by Lower and Self Rescue. Basic Authorized Climber certification is a course pre-requisite.

Authorized Climber Online Course **\$95.00**

We recommend this course for all students new to climbing. This online course familiarizes the student with equipment, it's use and the applicable standards and regulations.

Authorized Climber and Authorized Rescuer **\$850.00**

This course is designed for those new to climbing but includes both a classroom and onsite element. Students in this course will become familiarized with the equipment, it's use and the applicable standards and regulations as well as basic climbing and rescue techniques completed onsite.

Competent Climber and Competent Rescuer **\$1,250.00**

The Competent Climber and Competent Rescuer course covers the applicable standards and regulations, new equipment and best practices as well as basic and advanced climbing and rescue techniques.

Competent Climber Refresher Online Course **\$190.00**

While all levels of climbers must be evaluated annually by a Competent Person, Competent Climbers/Rescuers must also complete a recertification or refresh-er course every two years. SafetyLMS has created this online course to meet the recertification requirement.

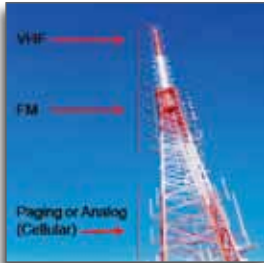
Fall Protection Train the Trainer **\$3,100.00**

Safety LMS' Fall Protection Train the Trainer program will allow qualified individuals to become certified to teach both Authorized Climber/Rescuer and Competent Climber/Rescuer level in-house. A qualified individual has 5+ years of practical climbing experience and holds a current Competent Climber/Rescuer card.

www.SafetyLMS.com
info@SafetyLMS.com
(210) 861-3140



SafetyLMS offers many other courses geared towards those in the aerial construction business. These courses teach proper use of and techniques for equipment and skills associated with work in this industry.



Fundamentals of RF Radiation

This course is geared towards employees working in close proximity to RF on a day-to-day basis. Topics covered include: Regulations and Definitions, Ionizing and Non-ionizing Radiation, Cumulative and Non-cumulative Radiation, Absorption and Refraction, Time Averaging, Frequency and Wavelength, Near and Far fields, etc.

Classroom Course \$225.00

Online Course \$95.00



Crane Spotter and Signal Person

In this course the student is exposed to how a crane physically responds to each signal and some of the hazards that exist while a crane is in use. Topics covered include: Standards, Definitions, Understanding Crane Operations, Crane Signal Responsibilities, Crane Spotter Responsibilities, Hand Signals and Lifting Personnel.

Classroom Course \$225.00

Online Course \$95.00



Basic Rigging Principles

This course is geared towards individuals who are working with synthetic rope and slings while lifting light to medium loads. Topics covered include: OSHA Legislation, Rigging Safety Factors, Synthetic Ropes, Tying Knots in Rope, Rope Inspection, Wire Rope Load Chart, Wire Rope Properties and Inspection, Synthetic Slings, Sling Angle Load Calculations, Rigging Equipment, Inspection and Loading, End Connections, Block Loading Calculations, etc.

Classroom Course \$450.00

Online Course \$190.00



Capstan Hoist Training

There are many different types and designs of Capstan hoists that will be covered in this class along with their use and hazards associated with operating the various units. Topics covered include: Types of Hoists, Features, Ratings and Inspection, Rope Type and Braid, Block Size Ratio and Capacity, Rope Overlay Condition, Anchorages, Rigging, Operating and Station Set-up, etc.

Classroom Course \$225.00

Online Course \$95.00

Base Mounted Drum Hoist Operation

In this course the student will learn the design criteria for a Base Mounted Hoist, how the hoist is used and hoist maintenance. Topics covered include: Reference Standards, Definitions, Design Criteria, Understanding the Parts, Repair and Modification, Anchorage, Inspection Criteria, Operator Qualifications, Lifting Guidelines, Personnel Platform Design Criteria, Pre-Lift Load testing, Load Chart and Communications.

Classroom Course \$225.00

Online Course \$95.00



Gin Pole Use

The Gin Pole course is a clarification of the TIA-1019-A-2011 Gin Pole Standard for "Design and Use" and as referenced by the OSHA Directive CPL-1.36. Topics covered include: Reference Standards, Definitions, Unique Loading Conditions, Gin Pole Parts and Definitions, Types of Tagging and Their Loads, Classes of Poles, Load Chart Descriptions, Gross Load Description, Special Engineered Pick, Operations and Use, etc.

Classroom Course \$375.00

Online Course \$190.00



OSHA 10 Hour and 30 Hour

Our OSHA courses create an environment where students will gain a general knowledge of OSHA regulations and learn to recognize the hazards that exist in the workplace. These courses are specific to the Telecommunications Construction Industry and only available in the classroom.

OSHA 10 Hour \$225.00

OSHA 30 Hour \$1,250.00



Hazard Assessment

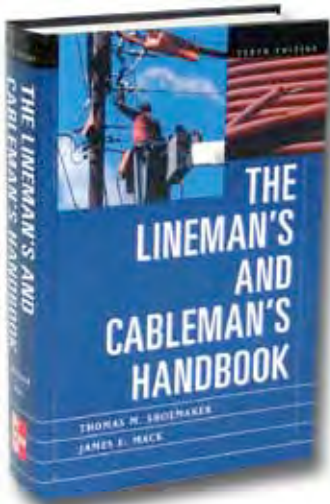
This course reviews the hazards that are generally encountered on a Telecommunications site. Topics covered include: Hazard Categories, Structural Hazards, Environmental Hazards and Non-Standard Structures. This course is currently only available in the classroom.

Classroom Course \$450.00



www.SafetyLMS.com
210-861-3140

- All pricing shown is per person.
- SafetyLMS offers both Open Enrollment and Hosted Courses.
- For Open Enrollment dates and locations, visit our website.
- Contact us directly to book a Hosted Course. Our instructors travel to your location and teach a course exclusively for your employees.

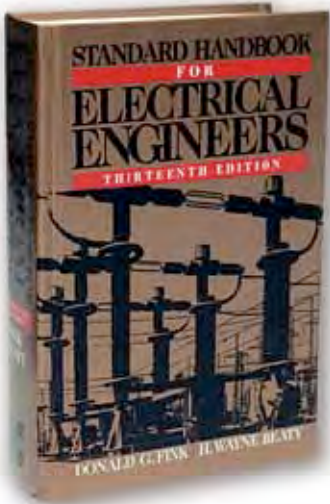


Bashlin® The Lineman's and Cableman's Handbook

by Kurtz and Shoemaker

This is the primary source of basic information for power lineworkers.

BAS831 \$122.00



Bashlin® Standard Handbook for Electrical Engineers

by Fink and Beaty

Here is a ready reference for engineering and design of electric systems.

BAS833 \$269.00



Bashlin® American Electrician's Handbook

by Croft and Summers

If you are an electrician needing a ready, quick reference, this is the book for you.

BAS834 \$122.00

Buckingham® Buck Trainer

- Reliable apprentice fall protection 5000 lb. anchor that rotates 250 degrees.
- Can be attached to any pole up to a 9" diameter at any height by a qualified climber and a groundman.
- Ideal to transport to remote areas to field test potential apprentices before sending them to the actual training facility.
- Includes ratchet strap to lift Buck trainer with handline, bolts and nuts, mounting brackets and a carabiner to mount lifeline.
- Retractable lifeline sold separately.



BUC5204 \$1,595.00

Buckingham® Rescue Buck

- Ideal for aerial rescue training
- Made of heavy Cordura nylon
- Individual compartments can be filled with Buckmix to desired weight.
- Nylon retention straps are sewn to mid section to prevent body belt from sliding.
- 5' 6" H



BUC694 \$541.00

BUC694F1 22 lbs of Rubber Pellets \$25.00

Protecta® Rebel™ Self Retracting Lifeline

- Rugged aluminum or thermoplastic housing
- Ergonomic carrying handle
- Unique speed sensing brake
- 420 lb. capacity
- Swiveling anchorage, with carabiner
- Swiveling hook
- Galvanized cable (stainless steel cable available)



Thermoplastic Housing

Housing	Length	Wt (lbs)	Price
PRO3590500	33'	13.50	\$445.00
PRO3590550	50'	17.30	\$601.00
PRO3590590	66'	22.00	\$820.00
PRO3590630	82'	28.60	\$1001.00
PRO3590670	100'	29.50	\$1,206.00

Aluminum Housing

Housing	Length	Wt (lbs)	Price
PRO3590510	33'	13.50	\$445.00
PRO3590560	50'	17.30	\$601.00
PRO3590600	66'	22.00	\$820.00
PRO3590640	82'	28.60	\$1001.00
PRO3590680	100'	29.50	\$1,206.00



Bashlin® Pole Top Rescue Strap

Helps the lineworker truly simulate cutting a victim down from a pole without destroying perfectly good equipment. It holds a rescue dummy in place so the rescue can be performed.

Includes: Two short snap/buckle sections, one double buckle section to go around pole, two 57A inserts.

****This strap is only for holding a mannequin or weight in position. It is NOT for personnel support.**

BAS57N Rescue Strap **\$165.00**

9BAS57A Replacement insert for the 57N unit. 12" long with 4 holes, so it can be cut up to 3 times. **\$9.00**

BAS57A50 Replacement insert in 50' roll with pre-punched holes **\$364.00**



CMC® Rescue Randy Combat Challenge Manikin

- Simulaids manikins are the best way to maintain the reality of rescue training without using a live subject.
- Fully articulated, can be positioned in every conceivable situation.
- Head and body are built of dense, flexible, life-like vinyl that is rugged and waterproof.
- The 18.7 kN (4,200 lbf) breaking strength stainless steel cables are coated.
- Designed to be a realistic 6'1" tall manikin.

	Height	Weight	
CMC781344	6'1"	145 lb	\$1,138.00
CMC781345	6'1"	165 lb	\$1,299.00

Bashlin® Waist Belt for Tuff-Kelly

Sized especially for the Tuff Kelly. It is a nylon-leather belt with D-rings. **NOT a Safety Belt**

BAS632ND **\$79.00**

Bashlin® Rodeo Ditty Bag

- For carrying the egg in the speed climb or holding pens or pencils in your truck or on your desk
- Pockets all around the outside
- 4" Dia x 8" H

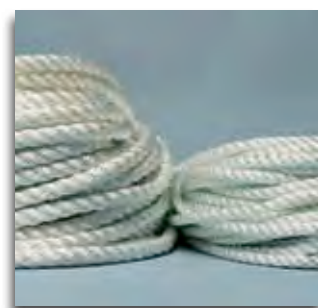
BAS650RDB **\$19.00**

Bashlin® 3/8" Slack Block Rope 3 Strand for the Rope Splice

• 3/8" poly dacron rope for the rodeo rope splice. It is also a great rope for slack blocks
BASPD10038 **\$.43/ft**

Bashlin® 1/2" Hand-Line Rope

• 1/2" 3-strand polydacron rope especially suited for handlines
BASPD10050 **\$.70/ft**



BASPD10050 **BASPD10038**



Bashlin® Hand-Line Hook

• 500 lb test hook
BAS35 **\$15.00**

Bashlin® 1/2" Adjustable "Becky" 28" - 48"

• Yalex Adjustable slings are ideal for hanging transformers or other equipment. There is little stretch, and the orange coating resists abrasion and mechanical damage.

• Safe Working Load (lbs): Vertical: 3205 • Choker: 2560 • Basket: 6405

BAS960Y **\$80.00**



Hastings® Hand Line Blocks

- Block and sheave constructed of rugged nylon fiberglass reinforced high dielectric material
- Reinforced 1/2" diameter axle, swivel bearings
- 3" sheaves - block can accommodate rope up to 5/8" diameter
- Blocks are rated with 3-1 safety factor
- Working load limit 1,000 lbs.

HAS3550 Side opening block with Swivel Hook and Safety Snap **\$103.00**

HAS35501 Meat Hook **\$122.00**



Bashlin® Double Back Holster with Leather Knife Sheath

- 3 pockets for linemen's pliers, rule and a screwdriver. Front pocket for a skinning knife. Attachment kit is standard. Tools not included.
- Left hand holsters available at no extra charge. Call to order.

BAS111HE **\$45.00**





Hastings® Hold Cards

- For use with tagging tools and Water Proof Hold Card holder
- Heavy duty card with metal grommet and attachment cord
- Card dimension 3 3/4" wide x 7 1/2" long
- 50 cards per pack

HAS13319 \$36.00

Hastings® Hold Card Clamp

- Positive means of attaching a warning flag to an open switch or line
- Spring loaded jaws clamp securely to switches, switch handles, conductors and related hardware
- Easily installed with a shotgun stick or universal hot stick if used with universal installer, (HAS9048)
- Two models available - clamp with envelope or clamp with red warning flag
- Removed easily by pulling the eye with shotgun or universal stick
- Water Proof Hold Card holder BUC13320 is red vinyl on one side, clear on the other, bottom velcro closure and a nylon strap with snap for attachment to tagging tool (5 1/2" x 7 3/4")

HAS9638 Hold Card Clamp Only \$49.00

HAS13320 Water Proof Hold Card holder \$43.00

HAS9637 Replacement Red Vinyl Warning Flag \$13.00

HAS12101 Hold Card Clamp (9638) With Water Proof Envelope 5.5" W X 7.75" L (13320), Fits Hold Card (13319) not included \$63.00

HAS9639 Hold Card Clamp (9638) With Red Vinyl Warning Flag 12" X 12" (9637) \$63.00

HAS9048 Universal Installer For Use With Universal Sticks \$27.00



HAS9637



HAS12101



HAS13320



HAS9048

HAS9639

HAS9638

Hastings® Hold Card Tagging Tool

- Manufactured from bright safety yellow thermoplastic
- Tagging tool is dielectric and contains no metal parts
- Non-metallic hook can be installed over most hardware and it will retain shape with spring like memory
- Duckbill hook design makes installation with hot sticks quick and easy
- Molded in eye for easy installation using all models of shotgun sticks
- Molded in eye for attachment of hold cards with cords or straps
- Molded in hooks for attachment of hold cards with metal grommets

HAS1000 \$10.00



Roll-Up Signs - 36" Mesh

- Meets MUTCD requirements
- Fiberglass ribs, fastened at the center with a 1/4" steel rivet
- Rectangular and delta style corner pockets are made of durable polycarbonate plastic
- Back to back hook and loop strap for storage
- Items listed below are in stock, other symbols and legends available, please call.
- Also available in 48"

DICRUM200RWA Road Work Ahead \$40.95

DICRUM200FS Flagger Symbol \$40.95

DICRUM200RCA Road Closed Ahead \$40.95

DICRUM200UWA Utility Work Ahead \$40.95

DICRUM200MW Men Working \$40.95



DynaLite™ Stands for Roll-Up Signs

- Non-spring, lightweight, compact stands designed to display 36" or 48" roll-up signs
- MUTCD and NCHRP-350 compliant
- Pocket (or Latch) style sign holder holds sign by bottom plastic pocket
- Foot operated leg releases lock legs in one of three positions to allow for storage
- 22" Steel legs telescope to 38"

DICSDL1000L \$85.95





Buckingham® "WORKER ON LINE" Marker

- Hi-visibility orange with two reflective strips for easy visibility when working at night.
- 1 1/2" wide hook and loop is used to securely wrap around the pole.
- 9 1/2" long x 7" wide clear vinyl pocket for truck, crew or company information.

BUC84530145 45" x 7" **\$20.00**

BUC84530150 50" x 7" **\$22.00**



Buckingham® "GROUNDS" Warning Flags

- Hi-visibility orange with two reflective strips on front and back for easy visibility when working at night.
- Hook and loop straps for a secure attachment.
- Wire attachment for hot line clamp on top and PVC stiffener on bottom.
- Includes truck/radio # and service location lettering along the top.
- 17 1/2" H x 16 1/2" W

BUC845403V **\$25.00**



Buckingham® "DANGER" Flags

- Hi-visibility green with two reflective strips for easy visibility when working at night
- Hook and loop strap for a secure attachment
- Features a 6 1/2" x 6 1/2" clear vinyl pocket on backside for crew, truck or company information
- PVC stiffener on top
- 18 1/2" H x 16 1/2" W

BUC8451G7P5V **\$28.00**



Buckingham® "LINE BEING PATROLLED" Marker

- Hi-visibility green marker with two reflective strips for easy viewing at night.
- 1 1/2" wide hook and loop is used to securely wrap around pole
- 9" L x 6" W clear vinyl pocket for truck, crew or company information.

BUC8455G745 45" L x 6" H **\$20.00**

BUC8455G750 50" L x 6" H **\$22.00**

Kidde® Dry Chemical Fire Extinguishers

These are multipurpose dry chemical extinguishers, suitable for use on Class A, B, and C fires. Easy-to-read gauge tells you fire extinguisher is charged and ready for use. Easy-to-pull safety pin. 6-year limited warranty. Powder coated cylinder for corrosion protection.

KID466112 5 lb **\$51.95**

KID466204 10 lb **\$76.95**

KID466206 20 lb **\$125.95**



Warning Triangle Kit

- Constructed of molded polypropylene plastic with red acrylic plastic reflectors

- Air flow design helps reduce wind resistance
- 3-piece highway kit

COR950200203 **\$25.95**



Traffic Cones

- Wide body design with rugged black base, flow molded
- Dayglow red/orange PVC with white inner liner.

COR0350009 12" Traffic Cone **\$6.95**

COR0350005 18" Traffic Cone **\$9.95**

COR0350007 28" Traffic Cone **\$13.95**



EMT Trauma Care

In a Red Cordovia Bag

MWUK607065

\$175.95

Qty	Description	Size
1	EMT Red Cordovia Bag	16" x 12" x 9"
3	Water Jel Burn Dressing	2" x 6"
3	Water Jel Burn Dressing	4" x 4"
10	Ammonia Inhalant	
16	Plastic Strips Skin Closure	
12	Plastic Strips XLG	
4	Gauze Bandage Compress	3"
2	Gauze Roll	3" x 6 yd
1	Gauze Roll	4" x 6 yd
6	Triangular Bandage w/Pins	
	- ANSI Z308.1 2009	40" x 40" x 56"
1	Wire Splint	3.5" x 30"
20	Antibiotic Cream - ANSI Z308.1 2009	1 gm
20	Heavy Weight Woven Strips, Fingertip	
20	Antiseptic BZK - Towelettes	
	- ANSI Z308.1 2009	5" x 7"
8	Eye Pads - 4 Certi-Tape	Oval
16	Heavy Weight Woven Strips, Knuckle	
2	Absorbent Compress	
	- ANSI Z308.1 2009	32 Sq. In.
10	Insect Sting Swabs	
10	Alcohol Wipe-Ups	1" x 2"
6	Alcohol Gel	1 gm
1	Tourniquet	1" x 17"
2	Bio-Hazard Bag	24" x 24", 7-10 gal
1	Thermometer, Forehead	
1	Rescue Blanket - Silver	52" x 84"
10	Gauze Pads	4" x 4"
1	PVP Iodine Solution - Spray	3 oz
2	Cold Pack	
1	Puff Bandage Roll	4.5" x 4.1 yd
1	Pressure Compress - XL-TD	
100	Heavy Weight Woven	1" x 3"
10	Gauze Pads	3" x 3"
10	Non-Stick Pads	2" x 3"
25	Burn Cream	1 gm
1	Spool Tape - Tri Cut	2" x 5 yd
2	Elastic Bandage - Ace Style	2" x 5 yd
1	Elastic Cohesive Bandage - Tan	2" x 5 yd
2	CPRotector®	
6 pr	Gloves - Nitrile - XL	
1	Scissors- EMT Style	6"
1	Forceps - Magnifier	3.5"
2	Eye Wash - Eye Cup	4 oz
1	Pen Light - Disposable	
6	Finger Splint - Wood	1" x 6"
1	Bite Stick	
100	Cotton Swabs	
1	First Aid Facts Book, 20 pg	

10 person First Aid Kit

In a Poly Box

MWU10LPEKP

\$15.95



25 person First Aid Kit

In a Poly Box

MWU25LPEKP Without eye wash

\$18.95

MWU25LPEKPE With eye wash

\$20.95



Electricians First Aid Kit - 16 Person

In a Metal Box • 7" x 9" x 2.5"

MWUKR607061

\$32.00



Total Qty	Description	Size
32	R210-006 Plastic Strips, - ANSI Z308.1 2009	1" x 3"
1	R211-008 Gauze Bandage Compress	4"
3	R211-033 Triangular Bandage/Pins - ANSI Z308.1 2009	40" x 40" x 56"
4	R211-011 Gauze Pads - ANSI	3" x 3"
2	R211-014 Gauze Compress	18" x 36"
9	R210-019 Heavy Weight Woven Fingertip & Knuckle Strips	
10	R213-038 Antiseptic BZK Towelettes - ANSI Z308.1 2009	5" x 7"
6	R214-009 Eye Dressing Kit - 2/Eye Wash - 2/Eye Pads - 2/Tape	
6	R215-007 Burn Cream, 1 gram - ANSI Z308.1 2009	
1	R286-038 Rescue Blanket - Silver	52" x 84"
1	R270-033 CPRotector® w/Gloves	5.5" sq.
1	R240-030 Certi-Tape - ANSI Z308.1 2009	1/2" x 2 1/2 yd.
1	R242-014 Forceps - Plastic	4"
1	R216-035 Cold Pack	5" x 7"
1	R234-009 First Aid Facts Guide Card	
1	C234-061 Safety Flag Seal	

BugX Repellent Spray

- Protection from mosquitoes and biting insects
- Leaves no sticky residue
- 25% Deet
- 2 oz.
- Safe to use on FR clothing
- MWU505212 **\$5.50**



BugX Repellent Towelettes

- Provides protection from mosquitoes and biting insects
- 30% Deet
- 5" X 8" Towelette
- 25 per box
- MWU506260 **\$4.00**



ANSI Utility First Aid Kit - 24 Person

In a Metal Box

MWUK612022

\$48.00



Total Qty	Description	Size
32	R210-006 Plastic Strips ANSI Z308.1 2009	1" x 3"
2	R211-005 Gauze Bandage Compress	3"
4	R211-030 Non-Stick Pad	2" x 3"
3	R211-033 Triangular Bandage/Pins - ANSI Z308.1 2009	40" x 40" x 56"
4	R211-011 Gauze Pads - ANSI Z308.1 2009	3" x 3"
9	R210-019 Heavy Weight Woven Fingertip & Knuckle Strips	
1	R211-020 Absorbent Compress - ANSI Z308.1 2009	32 Sq."
10	R213-011 Antibiotic Cream, 1 g., - ANSI Z308.1 2009	
10	R213-038 Antiseptic BZK Towelettes - ANSI Z308.1 2009	5" x 7"
2	R216-003 Tape - ANSI	1/2" x 2 1/2 yd.
2	R214-005 Eye Wash 15 ml.	
2	R216-033 Cold Pack - Certi-Cool Junior	5" x 7"
20	R213-014 Insect Sting Wipe-Ups	1" x 2"
12	R215-007 Burn Cream - ANSI 1 g	
12	R215-023 Creosote Wash 4 cc. Vials	
2 pr	R216-081 Gloves - Nitrile - ANSI Large	
1	R234-009 First Aid Facts Guide Card	
1	C234-061 Safety Flag Seal	
1	R209-026 24M - Metal Box	9" x 9" x 2.5"

Insect Sting Wipe-Ups

- For temporary relief of pain and itching from stings and bites
- 1" x 2" Wipes
- 25 per box
- MWU213021 **\$22.00**



IvyX Pre-Contact Towelettes

- Pre-contact solution
- Apply on exposed skin before going outdoors
- Helps prevent outbreaks of poison ivy, oak and sumac
- 5" x 8" Towelette
- 25 per box
- MWU505213 **\$19.00**





Samson® SSR-100-3

- Combination fiber 3-strand rope with an excellent wear life and a high strength-to-weight ratio
- Produced with high strength plied filament polyester surface yarns - for durability - then wrapped over our high tenacity Ultra Blue™ fiber for higher strength than other combination ropes
- Standard Color: white
- More durable than polypropylene
- More economical than polyester
- Hockle resistant construction
- Class 1, 3-Strand splice
- Excellent wear resistance
- Easily spliced in the field

	Diameter	Lbs per 100 ft	Samson Average Strength	Samson Minimum Strength	Price Per Ft
SAM3/16SSR	3/16"	0.80 lbs	1,000 lbs	900 lbs	\$.05
SAM1/4SSR	1/4"	1.4 lbs	1,800 lbs	1,600 lbs	\$.09
SAM5/16SSR	5/16"	2.4 lbs	2,800 lbs	2,500 lbs	\$.13
SAM3/8SSR	3/8"	3.9 lbs	4,100 lbs	3,700 lbs	\$.21
SAM7/16SSR	7/16"	4.9 lbs	5,100 lbs	4,600 lbs	\$.26
SAM1/2SSR	1/2"	6.5 lbs	6,900 lbs	6,200 lbs	\$.35
SAM9/16SSR	9/16"	8.5 lbs	9,100 lbs	8,200 lbs	\$.43
SAM5/8SSR	5/8"	9.5 lbs	10,000 lbs	9,000 lbs	\$.49

Samson® AmSteel® -Blue

Fiber: Class 1, 12-Strand single-braid construction of 100% Dyneema® SK-75 fiber with Samthane coating.

Standard Color: Blue (special order in red, green, orange, silver/gray)

Very Similar to Wire: Size for size, the same strength as steel yet it floats, extremely low stretch, similar elastic elongation to wire rope, superior wear and flex fatigue, Samthane coating adds to abrasion and cut resistance, lightweight, torque free and UV stabilized, easily inspected or field spliced, outlasts wire 3:1.



	Dia.	Lbs/ 100 ft	Samson Ave Strength lbs	Samson Min Strength lbs	Price /100 Ft
SAM1/8AMSBLU	1/8"	0.50	2,500	2,300	\$34.95
SAM5/32AMSBLU	5/32"	0.75	4,000	3,600	\$56.95
SAM3/16AMSBLU	3/16"	.95	5,400	4,900	\$68.95
SAM1/4AMSBLU	1/4"	1.6	8,600	7,700	\$108.95
SAM5/16AMSBLU	5/16"	2.7	13,700	12,300	\$178.95
SAM3/8AMSBLU	3/8"	3.6	19,600	17,600	\$250.95
SAM7/16AMSBLU	7/16"	4.2	23,900	21,500	\$280.95
SAM1/2AMSBLU	1/2"	6.4	34,000	30,600	\$405.95
SAM9/16AMSBLU	9/16"	7.9	40,500	36,500	\$500.95
SAM5/8AMSBLU	5/8"	10.2	52,800	47,500	\$670.95
SAM3/4AMSBLU	3/4"	13.3	64,400	58,000	\$840.95
SAM13/16AMSBLU	13/16"	17.0	82,000	73,800	\$985.95
SAM7/8AMSBLU	7/8"	19.6	90,800	81,700	\$1,240.95
SAM1AMSBLU	1"	21.8	109,000	98,100	\$1,380.95

Samson® Dual Braid Polyester Ropes

Braided polyester core and cover. Para-Braid construction. Durable cover. Easy to splice. Variegated red/green and single green marker. 600'/1200' spools. Cut lengths additional lead time.

Size Dia.	Part Number	Lbs/ 100 ft	Average Strength	Minimum Strength	600' Spool	1200' Spool
1/4"	SAM1/4DBP	2.2	2,200	1,870	\$146.95	\$295.95
5/16"	SAM5/16DBP	3.0	3,500	2,975	\$198.95	\$395.95
3/8"	SAM3/8DBP	4.3	5,000	4,250	\$276.95	\$552.95
7/16"	SAM7/16DBP	5.8	6,800	5,780	\$334.95	\$668.95
1/2"	SAM1/2DBP	8.0	9,100	7,735	\$428.95	\$856.95
9/16"	SAM9/16DBP	10.2	12,000	10,200	\$559.95	\$1,118.95
5/8"	SAM5/8DBP	13.3	15,600	13,260	\$660.95	\$1,320.95
3/4"	SAM3/4DBP	18.0	20,000	17,000	\$850.95	\$1,698.95
7/8"	SAM7/8DBP	26.0	28,200	23,970	\$1,226.95	\$2,425.95
1"	SAM1DBP	31.5	34,000	28,900	\$1,528.95	\$3,020.95



PMI® Classic™ Kernmantle Rope

The CLASSIC, PMI®'s most popular rope for life safety use.

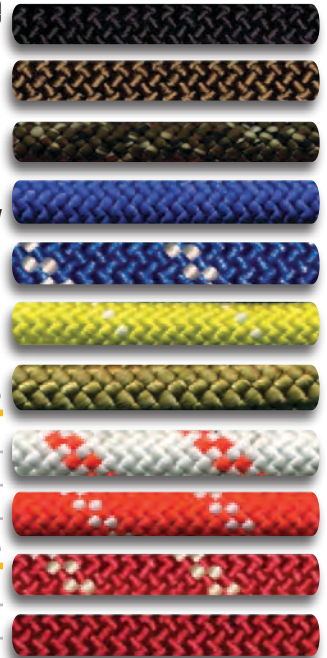
- Consists of the highest quality braided 16-carrier sheath woven over a low stretch core of nylon
- A 16-carrier sheath is the thickest, most abrasion and cut-resistant sheath you can buy
- The core provides most of the rope's tensile strength and is specially designed to minimize stretch and spin
- For consistent strength, PMI® never splices life safety rope core strands

3/8" Rope	Length	Price
PIGR10MM92	300'	\$280.95
PIGR10MM122	400'	\$388.95
PIGR10MM183	600'	\$561.95

7/16" Rope	Length	Price
PIGR11MM122	400'	\$468.95
PIGR11MM183	600'	\$679.95

1/2" Rope	Length	Price
PIGR125MM61	200'	\$259.95
PIGR125MM92	300'	\$390.95
PIGR125MM122	400'	\$540.95
PIGR125MM183	600'	\$780.95
PIGR125MM244	800'	\$1080.95
PIGR125MM366	1200'	\$1620.95

5/8" Rope	Length	Price
PIGR16MM92	300'	\$483.95
PIGR16MM122	400'	\$668.95
PIGR16MM183	600'	\$967.95
PIGR16MM305	1000'	\$1670.95



Call for Custom Lengths.



- 100% double braided nylon rope
- Urethane Polymer Coating
- Commercially spliced and seized at both ends
- Water proof, UV and abrasive resistant
- Highest breaking strength available
- All sizes of Bubba Ropes are available with a choice of colored eyes:



- Red
- Orange
- Yellow
- Green
- Blue
- Black

Some of these colors are Special Order. Please see listings below for In-Stock colors. Custom Lengths also Available.

- **Gator-ize™** is an added protection that is applied to the wear points of any size Bubba Rope®. It's made from a high performance elastic polymer coating that looks a little like the tough skin of an alligator. Many recovery ropes or snatch ropes come with a synthetic fabric eye covering. However, when we tested those coverings we found they can actually damage your rope when used repeatedly.
- **Gator-ize™** will not only NOT damage your rope but will actually protect the wear points of your eyes and ultimately prolong the life of your Bubba Rope®.
- Note: Since Gator-ize™ is applied before your Bubba Rope's eyes are dipped in their colored protective polymer coating, it cannot be added to an existing Bubba Rope®.



Bubba™ Rope 7/8" Vehicle Recovery Rope -Gatorized

This recovery rope is ideal for 4x4 trucks, Jeeps and SUVs. Comes with its own mesh duffel bag for easy carrying and storing. Length is determined when rope is under load. 28,600 lbs MBS.

20' Length

BUB17660BLG Blue Eyes **\$149.95**

*SKU listed is standard color. Other colors available. Add \$20.00.

30' Length

BUB176680RDG Red Eyes **\$189.95**

*SKU listed is standard color. Other colors available. Add \$20.00.

Jumbo Bubba™ 1 1/2" x 30' Vehicle Recovery Rope -Gatorized

Jumbo Bubba is a mega snatch rope. This rope is so strong it can pull a full size dump truck out of the muck. Monster trucks, this is the rope for you! Comes with its own mesh duffel bag for easy carrying and storing. 74,000 lbs MBS.



BUB176730GRG Green Eyes **\$419.95**

*SKU listed is standard color. Other colors available. Add \$20.00.



Big Bubba™ Rope 1 1/4" x 30' Vehicle Recovery Rope - Gatorized

This rope is custom made for mud boggin'. Great for full-size trucks and large SUVs! Comes with its own mesh duffel bag for easy carrying and storing. Length is determined when rope is under load. 52,300 lbs MBS.

BUB176720ORG Orange Eyes **\$289.95**

*SKU listed is standard color. Other colors available. Add \$20.00.

Extreme Bubba™ Rope 2" x 30' Vehicle Recovery Rope - Gatorized

The Extreme Bubba is ideal for recovering heavy-duty vehicles such as tractors, semis and dump trucks from sticky situations! Extreme Bubba comes with a special Velcro® web strap for handy carrying. Does not come with a duffel bag. 131,500 lbs MBS.



BUB176750BKG Black Eyes **\$689.95**

*SKU listed is standard color. Other colors available. Add \$20.00.



Klein® Snap Hook

- General-purpose forged snap hook with eye at 90° to opening.
- Maximum safe load 1500 lbs.
- Eye I.D.: 1"
- Overall Length: 5½"
- Throat Opening: 1/2"

KLE443A **\$75.00**

Klein® Swivel Hook with Plunger Latch

- Forged steel with swivel clevis and quick-acting plunger-style latch.
- Designed to take 1/2" or lighter hand lines.
- Maximum safe load 750 lbs.
- Throat Opening: 5/8"
- Overall Length: 5"
- Swivel Opening: 1⅜" x 1"

KLE470 **\$28.00**

Klein® Anchor Hook

- Forged hook is designed to slip under insulator and engage pin of cross arm.
- Maximum safe load 750 lbs.
- Standard on Klein block & tackle 1802-30 and H1802-30.
- Overall Length: 5½"
- Throat Opening: 1⅞"
- Eye I.D.: 5/8"

KLE258 **\$22.00**

Klein® Swivel Anchor Hook

- Swivel clevis on this forged hook will engage with snap on Klein block & tackle 1802-30 and H1802-30.
- Swivel prevents twisting and kinking of rope.
- Maximum safe load 750 lbs.
- Overall Length: 6½"
- Throat Opening: 1⅞"

KLE259 **\$26.00**

Klein® Heavy-Duty Snap Hook

- Snaps on with one hand.
- Forged hook may be used on many conventional steel blocks, 4" or smaller
- Maximum safe load 8000 lbs.
- Eye I.D.: 15/16"
- Throat Opening: 1"
- Overall Length: 5"

KLE455 **\$39.00**

Bashlin® Handline Hooks

- 500 lb test hook

BAS35 Handline Hook **\$15.00**
BAS35GP Double Hook **\$17.00**



Hastings® Handline Hook

- Hand line hook only constructed from manganese bronze alloy
- Use with up to 1/2" rope
- Working load limit 600 lbs."

HASP10060 **\$18.00**



Hastings® 1/2" Complete Hand-Lines

Handline includes:

- BAS 3550 Block
- Handline Hook HASP10060
- Handline snap HASP30142
- 1/2" Polypropylene rope, choice of length

	Overall Rope Length	Working Height	
HAS3555	60'	30'	\$203.00
HAS3557	100'	50'	\$218.00



Klein® 5/16" Polypropylene Hand-Lines with Snap Hook

- Made of 5/16" (8 mm) 3-strand polypropylene rope spliced to eye of snap hook
- Line 75' long.
- Forged steel with swivel clevis and quick-acting plunger-style latch.

KLE180360 **\$63.00**
 With # 443A Snap Hook

KLE180460 **\$71.00**
 With # 470 Swivel Snap Hook



Klein® Block and Tackle with Standard Hooks

- These are NOT occupational protective hooks. NOT for human support
- Light, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load
- Sheaves are strong yet lightweight aluminum alloy with all-bronze bushings
- Available with standard snap hooks or guarded snap hooks (with snap hook nose lengthened to extend over the latch or keeper)
- All Klein block and tackle use high-quality, 3/8" diameter rope
- 25 ft rope length
- Hooks fit under insulator and engage pin on cross arm
- Maximum safe load is 750 lbs. (340 kg)
- **Choice of Rope Spliced to Block 268 or Not spliced to anything**
- **Choice of Block 267, Block 268 and Anchor Hook 258**
OR
Block 267, Block 268 and Swivel Hook 259

Rope Spliced to Block 268

KLE180230SR Includes Block 267, Block 268 and Anchor Hook 258 **\$115.00**

KLE180230SSR Includes Block 267, Block 268 and Swivel Hook 259 **\$127.00**

Rope not spliced

KLE180230 Includes Block 267, Block 268 and Anchor Hook 258 **\$109.00**

KLE180230S Includes Block 267, Block 268 and Swivel Hook 259 **\$116.00**

Buckingham® Ox Block

- A rope snatch block with an integrated friction bar used for hurt man rescue, lowering loads, snubbing loads, and raising loads
- Allows greater load control. When lowering loads, tension is transferred from the worker to the OX BLOCK™
- Replaces standard handline blocks, parted blocks, and various snatch blocks
- Has greater Working Load Limits than blocks of similar size.

Ox Block Only

BUC50061 **\$383.00**

Ox Block with an attached 4' x 5/8" adjustable sling and aluminum carabiner

BUC50061A4 **\$491.00**

WLL Eye to Sheave: 2500 lbs

WLL Eye to Friction Bar: 1500 lbs

Ox Block with an attached adjustable sling, aluminum carabiner and 80' handline

BUC50061A480 4' sling **\$632.00**

BUC50061A780 7' sling **\$646.00**



Ox Block with attached Sling and aluminum carabiner

Ox Block with attached Sling, aluminum carabiner and 80' Handline



Buckingham® Hand-Line System

- Made to raise and lower material at job site
- Includes the 500 lb. rated Buckingham® handline hook, 750 lb. test rope snap, a 1,000 lb. nylon block and 12 strand rope, choice of length.
- Custom rope lengths available, call.

BUC240780 With 80' of Rope **\$228.00**

BUC2407100 With 100' of Rope **\$236.00**

BUC2407120 With 120' of Rope **\$244.00**

Bashlin® Polyale Plus™ Handline

- Includes a 750 lb. test snap, 500 lb. test hook, 75' of rope and a premium nylon block
- Polyale Plus rope is an easily spliced braided line that will not rotate under load.

BAS940 **\$379.00**



Bashlin® Cross Arm Iron

- Handy device for rigging to lift a transformer.
- Versatile anchor can be placed in position with a hot stick even if pre-rigged
- Slides over the cross arm
- Load rating is 500 lb.

BAS901LF **\$66.00**



Bashlin® Cross Arm Iron II

- Temporary anchor for stringing and sagging operations
- Load rating of 500 lb.
- Easily placed on a crossarm

BAS901TI **\$76.00**

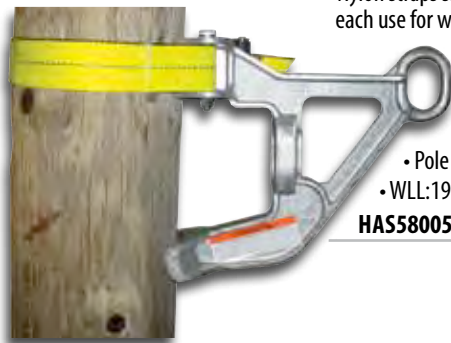


Hastings® Transformer Gin

- Small metal gin made of ductile iron
- Gin design allows you to straddle cross arm
- Small metal gin with ratchet and strap binder
- Nylon straps should be inspected prior to each use for wear, cuts, and degradation from exposure to ultra violet rays. Suspect straps should be replaced before use.

- Fits over 3 3/4" x 4 3/4" cross arms
- Pole to Eye Center :10 3/8"
- WLL:1900 LBS

HAS58005 **\$257.00**



Hastings® Transformer Gin

- Fiberglass shafts
- Gin metal fittings are high strength aluminum alloy - Bolts are plated steel - Chain is high test alloy steel
- Gin comes with ratchet strap
- All gins show working load limit
- Nylon straps should be inspected prior to each use for wear, cuts, and degradation from exposure to ultra violet rays. Suspect straps should be replaced before use.

- Length 24 1/4"
- Upper Attachment to top of Gin:10"
- Center of eye from face of power pole: 8"
- Inside of fiberglass mast is 1" from face of power pole.
- WLL: 1300 LBS

HAS58001 **\$331.00**



Hastings® 4" Wood Block Single Sheave

- Wood blocks have 4" bronze bushed sheaves with loose swivel hooks, safety snaps, and bucket for attaching rope

HAS3501 Single Sheave **\$192.00**

HAS3502 Double Sheave **\$276.00**



Hastings® Handline Blocks

- Block and sheave constructed of rugged nylon fiberglass reinforced high dielectric material
- Reinforced 1/2" diameter axle and swivel bearings
- 3" sheaves - block can accommodate rope up to 5/8" diameter
- Blocks are rated with 3-1 safety factor
- Working load limit 1,000 lbs.
- Side opening block

HAS3550 Swivel Hook & Safety Snap **\$103.00**

HAS35501 Meat Hook **\$122.00**



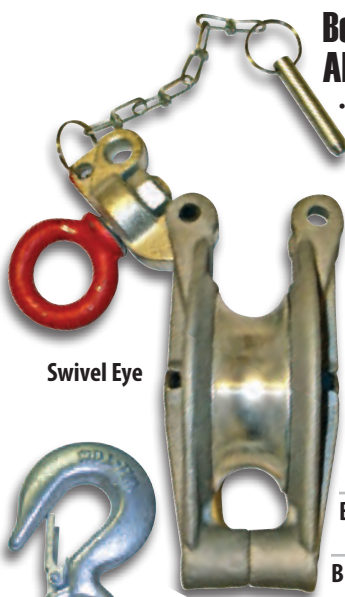
Bethea Tool™ Aluminum Snatch Blocks

- Fits up to 5/8" synthetic rope
- 1250 lbs work load capacity/625lbs/ side
- Swivel Eye is made of high strength forged steel and is fastened to head with welded nut for positive security
- The 3" free running sheave is machined to exacting tolerances for greater lifting efficiency
- The shielded ball bearings are permanently lubricated with a rating of 1250lbs
- Frame, head and sheave are cast from high strength A-356-T6 Aluminum Alloy

BETHLB1250 Swivel Eye **\$83.95**

BETHLB1250SH Swivel Eye & Safety Hook **\$88.95**

BETHLB1250MH Swivel Eye & Meat Hook **\$88.95**



Swivel Eye



Swivel Eye and Safety Hook

Kearney™ Aluminum Snatch Blocks

All three snatch blocks open from the top by pulling a stainless steel pull pin. Bronze oilite bearings are standard.

- **3" Block:** quick opening snatch block head is made of lightweight aluminum alloy. Has a forged steel sliphook and a 1,000 lb. safe working load. Free-running 3" diameter sheave has a line capacity of 5/8"
- **4" Snatch Block:** forged steel safety sliphook has a 2,500 lb. safe working load with a 7/8" line capacity.
- **6" Block:** is made of magnesium and aluminum alloy. Tested to a 5,000 lb. safe working load with a 1" line capacity for manila or synthetic rope.

KEA303B2PJ 3" Snatch Block **\$129.95**

KEA404B2PJ 4" Snatch Block **\$412.95**

KEA606B2PH 6" Snatch Block **\$676.95**



Klein® Self-Locking Blocks without Rope & Hook

- Blocks without ropes and hooks.
- Made of light galvanized steel and aluminum alloy
- Sheaves have bronze bushings

KLE267 Plain Block **\$40.00**

KLE268 Block w/eye to splice line to block and rope tie-off **\$49.00**



Rock Exotica™ Omni Blocks

- Combines a swivel with a ball bearing pulley
- Eliminate twisting and simplifies rope rigging system, saving valuable vertical height compared to a conventional pulley/carabiner/swivel combination
- Unique button-activated release feature that allows instant access to the sheave for midline attachment
- Milled alloy attachment eye is large enough to accept most carabiners and snaps
- 1.5" tread diameter pulley accepts up to 1/2" rope
- Strength is 8100 lbf (36 kN).
- Made in USA.

ROCP51 Single Omni Pulley **\$78.95**

ROCP51D Double Omni Pulley **\$120.95**



Hastings® Insulated Tackle Block Set

- Designed for all types of hoisting related jobs
- Bodies are made from high impact, dielectric thermoplastic material
- All hooks have full swivel capabilities
- Sheaves are made with fiberglass reinforced nylon material
- Shafts are stainless steel
- Swivel hooks are plated and include hot eye for application with hot sticks
- WLL: 2000 lbs
- Set includes Upper 3 Sheave block and Lower 2 Sheave block. Blocks only, no rope.

HAS11367 **\$340.00**



Lincoln Hoist® Standard Series Web Strap Ratchet Winch Hoists

- Meets the ASME B30.21 specs
- Stress link overload warning system and RFID tracking.
- Bearings are oiled for life
- Synthetic web strap
- USA forged steel hooks
- Interlocking pawl system
- Double flanged drum keeps web strap from coming in contact with ratchet teeth
- Reversible handle with 2 spare stress links
- 1¾" OD fiberglass handle

	Single Line			Double Line			
	Capacity (tons)	Lift Dist.	Min. Hook to Hook	Capacity (tons)	Lift Dist.	Min. Hook to Hook	
LNH2W10	½	9'	18"	1	4.5'	23"	\$139.95
LNH3W08	¾	7'	20"	1 ½	3.5'	24"	\$139.95
LNH4W12	1	10'	22"	2	6.75'	30"	\$139.95



Bashlin® Little Mule Strap Hoists

The 300 Series Little Mule hoists are designed for line work. They are light, easy to handle, and rugged. All of the working parts are exposed for easy field repair.

	Single Line Capacity	Single Line Lift Length	
BAS300A	1,500 lb.	9'	\$449.00
BAS300DA	1,500 lb.	9'	\$558.00

The BAS300DA includes hot stick rings on all hooks and control surfaces.

Lincoln Hoist
The Original Ratchet Winch Hoist



Lincoln Hoist® Cable Ratchet Hoists

A portable cable ratchet winch hoist with a heavy-duty aluminum frame. These units are factory tested to 150% of rated capacity.

	Capacity (tons)	Double Line Lift	Price	Replacement Handles for Corresponding Hoist	Price
LNHLH100015*	½	15'	\$139.95	LNH262	\$17.95
LNHLH225015	1½	7½'	\$175.95	LNH117	\$17.95
LNHLH225020	1½	10'	\$182.95	LNH117	\$17.95
LNHLH300010	1½	5'	\$232.95	LNH146	\$17.95
LNHLH300030	1½	15'	\$232.95	LNH146	\$17.95
LNHLH400020	2	10'	\$238.95	LNH198	\$27.95
LNHLH600015	3	7½'	\$557.95	LNH688	\$37.95

*Single Line Only



Buckingham® Buck Battery Hoist

- The first safe & OSHA compliant way to remove & replace batteries in aerial CATV battery cabinets
- One piece design
- Minimizes employee back & arm strain from lifting heavy batteries by hand
- Doesn't cause the bucket weight limit to be exceeded because battery is not lifted/lowered using the bucket
- Provides mechanical support of the battery allowing the employee to easily maneuver the batteries into position.
- Kit Includes: •Battery Hoist •Battery Carrier •Extra Length Stabilizing Strap •Bag

BUC5100 **\$987.00**

AB Chance® Components

Chain Bracket (pole, pipe, angle)

CHAC3081335 \$477.95



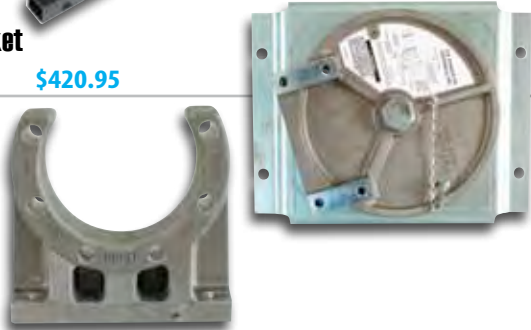
Hitch Mount

CHAT3080999 \$347.95



Swivel Bracket

CHAC3080903 \$420.95



C-Bracket

CHAC3080890 \$162.95



Ropelock

CHAC3080856 \$154.95



Foot Pedal for CHAC3081170

CHAC4170337 \$234.95



AB Chance® Capstan

Powerful new design for tough jobs. 1,000-lb. load rating. 120V. Improved design features a multiple-planetary drive/backstop-clutch assembled on the center shaft of a steel gear case with full-length internal teeth. Handles more rugged jobs, extends service life and reduces maintenance. 100% duty cycle. Sealed precision gears. 3/8" mounting holes.

CHAC3081170 120 Volt AC Powered Capstan \$2,165.95
includes Power Hoist and Foot Control Switch only

Midwest Unlimited™ Capstan Mounts

Deck and Truck Mount

CHAMP015 \$149.95



90° Deck and Truck Mount

CHAMP016 \$149.95



Adjustable Swivel Hitch Mount

- 180° swivel allows for almost any position if you can't get you truck just right.
- 8 3/4" height adjustment allows the worker to keep an eye on the load, rope and drum.
- Easily taken apart for transport or storage.
- WLL 1,000 lbs

CHAMP020 \$449.95



AB Chance® 3000 lb Capstan

CHAC3081370 120V, 3000 lb. Capstan \$3,300.00
includes Power Hoist and Foot Control Switch only

Chain Bracket (pole, pipe, angle) for use only with 3,000 lb Capstan (CHAC3081370)

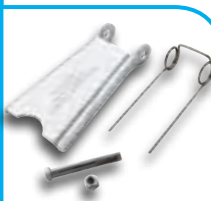
CHAC3081443 \$554.95

the Crosby® group

**McKissick®
Snatch Blocks**
Light Champion
Single Sheave



**Safety Latches
to Fit Hooks**



Sheave Dia.	Wire Rope Size	Working Load Limit	418 w/Hook	Latch	419 w/Shackle	404 Tail Board
3" (Swivel Eye)	5/16" - 3/8"	2 t	-	-	CR0109037 \$155.80	-
3"	5/16" - 3/8"	2 t	CR0108038 \$155.80	CR01096421 \$6.10	CR0109091 \$157.00	CR0102016 \$90.90
4 1/2"	3/8" - 1/2"	4 t	CR0108065 \$287.00	CR01096468 \$6.10	CR0109064 \$275.00	CR0102025 \$182.70
6"	5/8" - 3/4"	8 t	CR0108127 \$480.00	CR01096562 \$16.45	CR0109126 \$533.00	CR0102098 \$322.00
8"	5/8" - 3/4"	8 t	CR0108225 \$528.00	CR01096562 \$16.45	CR0109224 \$620.00	CR0102169 \$365.00
10"	5/8" - 3/4"	8 t	CR0108323 \$753.00	CR01096562 \$16.45	CR0109322 \$816.00	CR0102230 \$586.00

the Crosby® group

**McKissick®
Snatch Blocks**
Light Champion
Double Sheave



**Crosby® Forged Base Cable
Clips G-450** Not for load carrying.

CR01010015	1/8"	\$3.35
CR01010033	3/16"	\$3.57
CR01010051	1/4"	\$4.98
CR01010079	5/16"	\$5.22
CR01010097	3/8"	\$5.53
CR01010113	7/16"	\$8.57
CR01010131	1/2"	\$8.82
CR01010159	9/16"	\$10.85
CR01010177	5/8"	\$11.17
CR01010195	3/4"	\$14.45
CR01010211	7/8"	\$20.73
CR01010239	1"	\$23.97

Sheave Dia.	Wire Rope Size	Working Load Limit	Double 408 w/Hook	Double 409 w/Shackle
4 1/2"	3/8" - 1/2"	4 t	CR0104023 \$526.00	CR0105022 \$592.00
6"	5/8" - 3/4"	12 t	CR0104103 \$1,112.00	CR0105102 \$1,305.00
8"	5/8" - 3/4"	12 t	CR0104185 \$1,225.00	CR0105184 \$1,422.00
10"	5/8" - 3/4"	12 t	CR0104265 \$1,652.00	CR0105264 \$1,679.00

the Crosby® group

Screw Pin Anchor Shackles

Nominal Size	WLL (tons)	G-209 Galvanized		S-209 Painted	
		Part No.	Price	Part No.	Price
3/16"	1/3	CR01018357	\$5.83	NA	NA
1/4"	1/2	CR01018375	\$6.10	CR01018384	\$6.03
5/16"	3/4	CR01018393	\$7.78	CR01018400	\$7.45
3/8"	1	CR01018419	\$8.23	CR01018428	\$8.00
7/16"	1 1/2	CR01018437	\$9.33	CR01018446	\$8.80
1/2"	2	CR01018455	\$11.15	CR01018464	\$10.68
5/8"	3 1/4	CR01018473	\$20.85	CR01018482	\$19.17
3/4"	4 3/4	CR01018491	\$30.00	CR01018507	\$27.50
7/8"	6 1/2	CR01018516	\$41.35	CR01018525	\$37.30
1"	8 1/2	CR01018534	\$55.90	CR01018543	\$49.10



Crosby® Swivel Hooks S-322AN 680 Alloy with Thrust Washer

Part No.	WLL (tons)	Price
CR01048804	1	\$32.60
CR01048813	1 1/2	\$45.25
CR01048822	2	\$53.00
CR01048831	3	\$68.20
CR01048837	5	\$101.90

Crosby® Swivel Hooks L-3322B 680 Alloy with Thrust Bearing - Latch

Allows hook to rotate freely under load.

Part No.	WLL (tons)	Price
CR01028627	5	\$163.20
CR01028636	7	\$229.00
CR01028645	11	\$427.00
CR01028654	15	\$543.00



Crosby® Heavy Duty Galvanized Thimbles

Part No.	Rope Dia.	Each
CR01037639	1/4"	\$1.07
CR01037657	5/16"	\$1.73
CR01037675	3/8"	\$2.48
CR01037693	7/16"	\$4.50
CR01037719	1/2" - 9/16"	\$4.53
CR01037755	5/8"	\$5.18
CR01037773	3/4"	\$10.67
CR01037791	7/8"	\$12.25
CR01037817	1"	\$22.68

Bashlin® Yale Adjustable Rope Sling

- Double leg adjustable rope sling features a center lifting point
- Protective cover and adjustment on both legs.
- Ideal for hanging transformers.
- 5/8" Yalex rope.
- Adjustable 30" - 50"
- Safe Working Load:
 - Vertical: 3205 lbs.
 - Choker: 2560 lbs.
 - Basket: 6405 lbs.

BAS962Y \$78.00

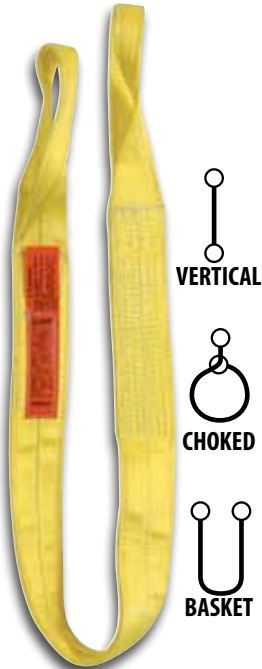


Lift-All® Polyester Web Slings

These polyester web slings are yellow treated for abrasion resistance and sling life extension. Red core yarn warning system aids in the inspection process and acts as a basis for sling rejection.

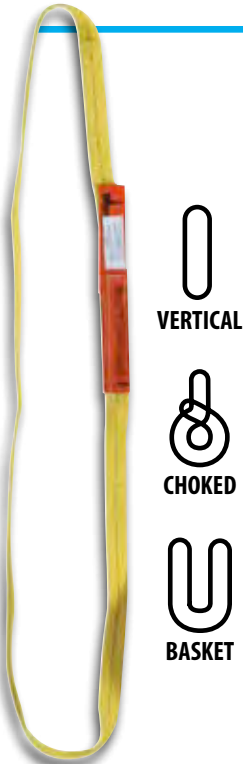


Eye to Eye Two Ply



1" Web:		2" Web:		3" Web:		4" Web:	
• Vertical WLL: 3,200 lbs • Choked WLL: 2,500 lbs • Basket WLL: 6,400 lbs		• Vertical WLL: 6,400 lbs • Choked WLL: 5,000 lbs • Basket WLL: 12,800 lbs		• Vertical WLL: 8,600 lbs • Choked WLL: 6,900 lbs • Basket WLL: 17,200 lbs		• Vertical WLL: 11,500 lbs • Choked WLL: 9,200 lbs • Basket WLL: 23,000 lbs	
Length		Length		Length		Length	
LIFEE28013	3' \$7.26	LIFEE28023	3' \$10.46	LIFEE28033	3' \$16.33	LIFEE28043	3' \$22.42
LIFEE28014	4' \$8.23	LIFEE28024	4' \$12.22	LIFEE28034	4' \$19.17	LIFEE28044	4' \$26.10
LIFEE28016	6' \$10.18	LIFEE28026	6' \$15.74	LIFEE28036	6' \$24.85	LIFEE28046	6' \$33.45
LIFEE28018	8' \$12.13	LIFEE28028	8' \$19.26	LIFEE28038	8' \$30.53	LIFEE28048	8' \$40.81
LIFEE280110	10' \$14.08	LIFEE280210	10' \$22.78	LIFEE280310	10' \$36.21	LIFEE280410	10' \$46.16
LIFEE280112	12' \$16.03	LIFEE280212	12' \$26.30	LIFEE280312	12' \$41.88	LIFEE280412	12' \$55.52
LIFEE280114	14' \$17.98	LIFEE280214	14' \$29.82	LIFEE280314	14' \$47.56	LIFEE280414	14' \$62.88
LIFEE280116	16' \$19.93	LIFEE280216	16' \$33.34	LIFEE280316	16' \$53.24	LIFEE280416	16' \$70.23
LIFEE280118	18' \$21.88	LIFEE280218	18' \$36.86	LIFEE280318	18' \$58.92	LIFEE280418	18' \$77.59
LIFEE280120	20' \$23.83	LIFEE280220	20' \$40.38	LIFEE280320	20' \$64.60	LIFEE280420	20' \$84.94
LIFEE280122	22' \$25.78	LIFEE280222	22' \$43.89	LIFEE280322	22' \$70.27	LIFEE280422	22' \$92.30
LIFEE280124	24' \$27.73	LIFEE280224	24' \$47.41	LIFEE280324	24' \$75.95	LIFEE280424	24' \$99.65
LIFEE280126	26' \$29.67	LIFEE280226	26' \$50.93	LIFEE280326	26' \$81.63	LIFEE280426	26' \$107.01
LIFEE280128	28' \$31.62	LIFEE280228	28' \$54.45	LIFEE280328	28' \$87.31	LIFEE280428	28' \$114.36
LIFEE280130	30' \$33.57	LIFEE280230	30' \$57.97	LIFEE280330	30' \$92.99	LIFEE280430	30' \$121.72

Endless One Ply



1" Web:		2" Web:		3" Web:		4" Web:	
• Vertical WLL: 3,200 lbs • Choked WLL: 2,500 lbs • Basket WLL: 6,400 lbs		• Vertical WLL: 6,400 lbs • Choked WLL: 5,000 lbs • Basket WLL: 12,800 lbs		• Vertical WLL: 8,600 lbs • Choked WLL: 6,900 lbs • Basket WLL: 17,200 lbs		• Vertical WLL: 11,500 lbs • Choked WLL: 9,200 lbs • Basket WLL: 23,000 lbs	
Length		Length		Length		Length	
LIFEN18013	3' \$5.86	LIFEN18023	3' \$9.14	LIFEN18033	3' \$14.47	LIFEN18043	3' \$18.83
LIFEN18014	4' \$6.81	LIFEN18024	4' \$10.87	LIFEN18034	4' \$17.26	LIFEN18044	4' \$22.38
LIFEN18016	6' \$8.72	LIFEN18026	6' \$14.33	LIFEN18036	6' \$22.83	LIFEN18046	6' \$29.49
LIFEN18018	8' \$10.62	LIFEN18028	8' \$17.79	LIFEN18038	8' \$28.41	LIFEN18048	8' \$36.60
LIFEN180110	10' \$12.52	LIFEN180210	10' \$21.25	LIFEN180310	10' \$33.98	LIFEN180410	10' \$43.72
LIFEN180112	12' \$14.43	LIFEN180212	12' \$24.72	LIFEN180312	12' \$39.56	LIFEN180412	12' \$50.83
LIFEN180114	14' \$16.33	LIFEN180214	14' \$28.18	LIFEN180314	14' \$45.14	LIFEN180414	14' \$57.94
LIFEN180116	16' \$18.24	LIFEN180216	16' \$31.64	LIFEN180316	16' \$50.71	LIFEN180416	16' \$65.05
LIFEN180118	18' \$20.14	LIFEN180218	18' \$35.10	LIFEN180318	18' \$56.26	LIFEN180418	18' \$72.16
LIFEN180120	20' \$22.04	LIFEN180220	20' \$38.57	LIFEN180320	20' \$61.86	LIFEN180420	20' \$79.27
LIFEN180122	22' \$23.95	LIFEN180222	22' \$42.03	LIFEN180322	22' \$67.44	LIFEN180422	22' \$86.39
LIFEN180124	24' \$25.85	LIFEN180224	24' \$45.49	LIFEN180324	24' \$73.02	LIFEN180424	24' \$93.50
LIFEN180126	26' \$27.76	LIFEN180226	26' \$48.95	LIFEN180326	26' \$78.59	LIFEN180426	26' \$100.61
LIFEN180128	28' \$29.66	LIFEN180228	28' \$52.41	LIFEN180328	28' \$84.17	LIFEN180428	28' \$107.72
LIFEN180130	30' \$31.56	LIFEN180230	30' \$55.88	LIFEN180330	30' \$89.74	LIFEN180430	30' \$114.83

Lift-All® Tuflex™ Polyester Round Slings

Tuflex™ round slings are color coded for quick identification and manufactured of continuous, low stretch, polyester yarn covered by a double wall tubular jacket. Removal from service can be determined if the red striped white core yarns can be seen. Longitudinal core yarns carry 100% of the load.



VERTICAL

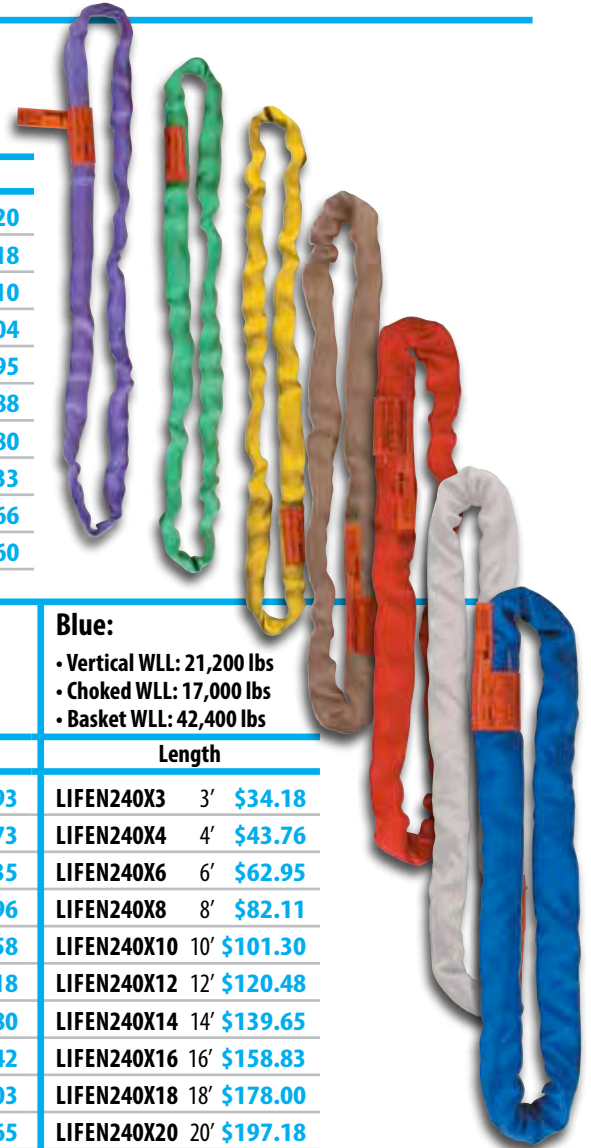


CHOKED



BASKET

Purple:		Green:		Yellow:	
• Vertical WLL: 2,600 lbs		• Vertical WLL: 5,300 lbs		• Vertical WLL: 8,600 lbs	
• Choked WLL: 2,100 lbs		• Choked WLL: 4,200 lbs		• Choked WLL: 6,700 lbs	
• Basket WLL: 5,200 lbs		• Basket WLL: 10,600 lbs		• Basket WLL: 16,800 lbs	
Length		Length		Length	
LIFEN30X3	3' \$9.66	LIFEN60X3	3' \$11.48	LIFEN90X3	3' \$15.20
LIFEN30X4	4' \$11.88	LIFEN60X4	4' \$14.43	LIFEN90X4	4' \$19.18
LIFEN30X6	6' \$16.35	LIFEN60X6	6' \$20.30	LIFEN90X6	6' \$27.10
LIFEN30X8	8' \$20.80	LIFEN60X8	8' \$26.18	LIFEN90X8	8' \$35.04
LIFEN30X10	10' \$25.28	LIFEN60X10	10' \$32.05	LIFEN90X10	10' \$42.95
LIFEN30X12	12' \$29.75	LIFEN60X12	12' \$37.90	LIFEN90X12	12' \$50.88
LIFEN30X14	14' \$34.20	LIFEN60X14	14' \$43.80	LIFEN90X14	14' \$58.80
LIFEN30X16	16' \$38.68	LIFEN60X16	16' \$49.68	LIFEN90X16	16' \$67.33
LIFEN30X18	18' \$43.15	LIFEN60X18	18' \$55.55	LIFEN90X18	18' \$74.66
LIFEN30X20	20' \$47.60	LIFEN60X20	20' \$61.40	LIFEN90X20	20' \$82.60



Tan:		Red:		White:		Blue:	
• Vertical WLL: 10,600 lbs		• Vertical WLL: 13,200 lbs		• Vertical WLL: 16,800 lbs		• Vertical WLL: 21,200 lbs	
• Choked WLL: 8,500 lbs		• Choked WLL: 10,600 lbs		• Choked WLL: 13,400 lbs		• Choked WLL: 17,000 lbs	
• Basket WLL: 21,200 lbs		• Basket WLL: 26,400 lbs		• Basket WLL: 33,600 lbs		• Basket WLL: 42,400 lbs	
Length		Length		Length		Length	
LIFEN120X3	3' \$17.33	LIFEN150X3	3' \$22.48	LIFEN180X3	3' \$24.93	LIFEN240X3	3' \$34.18
LIFEN120X4	4' \$21.75	LIFEN150X4	4' \$28.36	LIFEN180X4	4' \$31.73	LIFEN240X4	4' \$43.76
LIFEN120X6	6' \$30.60	LIFEN150X6	6' \$40.13	LIFEN180X6	6' \$45.35	LIFEN240X6	6' \$62.95
LIFEN120X8	8' \$39.45	LIFEN150X8	8' \$51.90	LIFEN180X8	8' \$58.96	LIFEN240X8	8' \$82.11
LIFEN120X10	10' \$48.30	LIFEN150X10	10' \$63.66	LIFEN180X10	10' \$72.58	LIFEN240X10	10' \$101.30
LIFEN120X12	12' \$57.16	LIFEN150X12	12' \$75.43	LIFEN180X12	12' \$86.18	LIFEN240X12	12' \$120.48
LIFEN120X14	14' \$66.00	LIFEN150X14	14' \$87.20	LIFEN180X14	14' \$99.80	LIFEN240X14	14' \$139.65
LIFEN120X16	16' \$74.86	LIFEN150X16	16' \$198.96	LIFEN180X16	16' \$113.42	LIFEN240X16	16' \$158.83
LIFEN120X18	18' \$83.71	LIFEN150X18	18' \$110.73	LIFEN180X18	18' \$127.03	LIFEN240X18	18' \$178.00
LIFEN120X20	20' \$92.56	LIFEN150X20	20' \$122.50	LIFEN180X20	20' \$140.65	LIFEN240X20	20' \$197.18

Call us for custom sized slings



Lift-All® Direct Connect Hooks

DC Hooks are the quickest and easiest way to add hooks to Tuflex roundslings and web slings at your job site. No tools or extra parts needed. For Tuflex, just match the color coded hook to the same color Tuflex and you're ready to go. Rated capacities are the same for both the hook and the Tuflex.

	Vertical WLL	
LIFDCH1	2,600 - Purple	\$54.95
LIFDCH2	5,300 - Green	\$71.95
LIFDCH3	8,600 - Yellow	\$98.95
LIFDCH4	13,200 - Red	\$205.95



We are a full line supplier for

thermOweld®

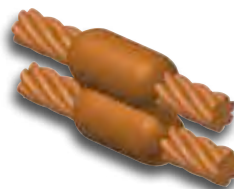
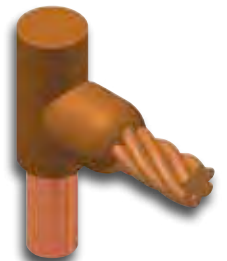
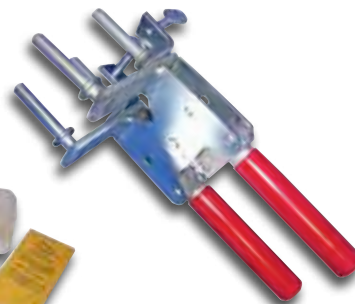
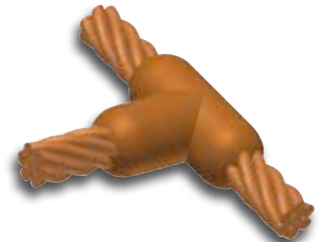
and

CADWELD®

• EXOTHERMIC GROUNDING •

**Molds • Clamps • Weld Metal
• Electronic Igniter Available•**

CALL US FOR YOUR SPECIFIC NEEDS





HAS6767

Hastings® Ground Cluster Bars And Supports

- Provides protection for operating personnel during grounding procedures and practices
- All ground clusters and supports utilize an adjustable chain tightener with 36" of chain
- Compact aluminum alloy cluster bar is 5/8" diameter. Bar accepts both "C" and duckbill type ground clamps. Tested for 43KA@ 15 Cycles.
- Aluminum base has a 5/8" diameter solid copper alloy bar. Bar accepts both "C" and duckbill type ground clamps. Copper bar will hold up to four clamps. Tested for 43KA@ 15 Cycles.

HAS6767 Compact Cluster Bar **\$166.00**

HAS6754 Alum. Base Cluster Bar **\$274.00**



HAS6754

Hastings® 25Kv Factory Assembled Hot Stick Applied Jumpers

- Consists of (2) ground clamps 11190, jumper cable, (2) ferrules 11658 and (1) hanger stud 13210

	Size AWG	Length	
HAS6880	2/0	8'	\$301.00
HAS6881	2/0	10'	\$339.00
HAS6882	2/0	12'	\$377.00
HAS6883	2/0	14'	\$417.00



Hastings® 35Kv Factory Assembled Hot Stick Applied Jumpers

- Consists of (2) ground clamps 21575, jumper cable, (2) ferrules 13101 and (1) hanger stud 13190-1

	Size AWG	Length	
HAS6864	1/0	8'	\$344.00
HAS6865	1/0	10'	\$384.00
HAS6866	1/0	12'	\$464.00
HAS6867	1/0	14'	\$467.00



Hastings® 4-Way Cable Splice For Threaded Terminations

- Used for connecting ground cables together
- Four terminal positions
- Terminals are tapped for use with 5/8-11 NC threaded grounding ferrules
- Aluminum alloy
- Splice has cable pads for stress relief of ground cables
- Tested at 43KA@ 15 Cycles

HAS67241

\$52.00



Hastings® 4-Way Cable Splice For Bolted Terminations

- Used for connecting ground cables together
- Four way cable splice
- 2/0 cable maximum
- Tested at 28,900 Amps for 15 Cycles
- Bronze alloy

HAS7556

\$124.00

Grounding

•Exothermic Grounding •Jumpers •Grounding Sets •Ground Rod & Drivers •Grounding Mats

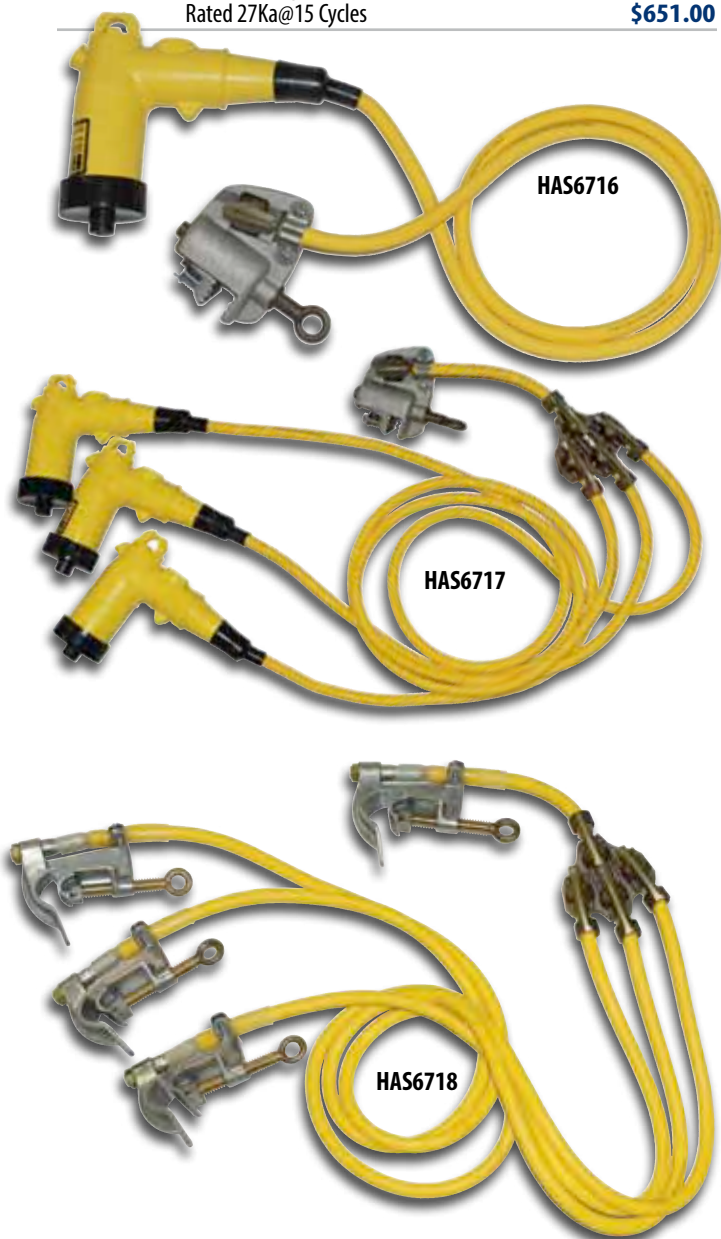
Hastings® URD Transformer Grounding Set • 15kV

- For Use On Deadfront Transformers And Switch Gear
- Provides Safe Grounding Of Circuits

HAS6716 Grounding Set
1 Cable - 6' 1/0 Ground Cable
Flat Jaw Clamp 9153 **\$302.00**

HAS6717 Three Phase URD Grounding Set
Cables - 6' 1/0 Ground Cable
Terminal Block
Flat Jaw Clamp 915
Rated 10Ka@10 Cycles **\$912.00**

HAS6718 Three Phase Live Front Grounding Set
3 Cables - 6' 2/0 Ground Cable
Terminal Block
Ground Clamps 21575
Rated 27Ka@15 Cycles **\$651.00**



Hastings® URD Transformer Grounding Set • 25/35kV

- For use on deadfront transformers and switch gear
- Provides safe grounding of circuits
- Rating 10KA for 10 cycles
- Ground set can be used on 25KV OR 35KV 200 Amp load break bushings which are designated ANS/IEEE 386-1977
- 35KV fits small interface only

HAS6776 Grounding Set
1 Cable 6' 1/0 Grounding Cable
Flat Jaw Clamp 9153 **\$321.00**

HAS6777 Three Phase Urd Grounding Set
3 Cables - 6' 1/0 Ground Cable
Terminal Block
Flat Jaw Clamp 9153 **\$940.00**

HAS014007 Storage Bag Fits Both 15Kv, 25Kv,
And 35Kv Ground Sets **\$110.00**

HAS7254 Draw String Bag - 25" X 28" 1.7 **\$67.00**



Hastings® Grounded Parking Stand Assemblies - 15 kV

- For padmount transformer applications
- Pre-Assembled
- All assemblies utilize 6' of 1/0 yellow ground cable
- Versatility of the ferrule termination, (threaded or non-threaded) allows for the selection of a wide variety of ground clamps
- Lug termination on the bushing and the ferrule termination are both sealed with heat shrink, which prevents the entry of moisture into the connection, plus provides added stress relief to the termination
- All assemblies are fault current rated at 10KA for 10 cycles
- Fits case 01-4007 OR 7254

HAS6771 15KV Threaded Ferrule **\$444.00**

HAS6772 15KV Plug Terminal Ferrule **\$444.00**



HAS6772



Hastings® Ground Mats

- Portable protective ground mat provides a method for workers to establish an equal potential zone for multiple grounding applications.
- Manufactured of vinyl polyester fabric, with high ampacity, tinned-copper braid sewn into a grid pattern.
- Braided copper on the grid connects to a six inch termination stud on the corner of the mat. It is then bonded to the equipment being worked on by using a safe and reliable ground cable assembly.
- Three sizes available
- Able to bond multiple mats together, see below for ordering information.
- Also available in black anti-skid material - Call for info
- Easy to store
- Reversible
- Easy to clean with standard hose pressure or a power washer (allow to dry before storing)

Standard Mat • Yellow

HAS6610 58" X 58" **\$540.00**

HAS6615 58" X 120" **\$1068.00**

HAS6620 120" X 120" **\$2328.00**

To purchase ground mats with a connector for bonding multiple mats together, add "C" to the part number above **+\$18.00**

Bashlin® Ground Rod Drivers

- A simple, unique tool designed to ease the chore of driving ground rods.
- Compact and easy to handle
- Enables a workman to drive an 8' rod while standing on the ground.
- Its size and shape make it easy to store on most line trucks.

Use with
Ground Rod Size Wt

BAS928 1/2" 20 lbs **\$198.00**

BAS930 5/8" 20 lbs **\$198.00**

BAS930OUT 5/8" 24 lbs **\$258.00**
with hand guards



Hastings® Screw Ground Rod

- 5/8" diameter copper weld rod
- 12" bronze handle
- 74" overall length

HAS4370 **\$131.00**

PIP® Dipped Cutting Pliers

- For multi-stranded copper, aluminum and other types of non-ferrous material, including communication cable
- High Leverage
- 10" Premium Cable Cutter
- 2-Color dipped to indicate when the tool needs to be removed from service

PIP955010041

\$65.00



PIP® Dipped Ratchet Cable Cutters

- Cuts copper communications cable up to 3" in diameter
- Compact, lightweight, (3 lbs)
- Release lever disengages ratchet, allowing blades to open even in mid-cut
- 2-Color dipped to indicate when the tool needs to be removed from service

PIP955010048

\$372.00



PIP® Dipped Linesman Pliers with Crimper

- 9½" Premium linesman pliers with crimper
- New England style
- High Leverage
- Cuts ASCR Cable
- 2-Color dipped to indicate when the tool needs to be removed from service

PIP955010005

\$49.00



Klein® High-Leverage Cable Cutter

- Individually tested to exceed the IEC 60900 and ASTM F1505 standards, for insulated tools, and clearly marked with the official 1000-volt rating symbol.
- Two layers of insulation provide protection against electric shock.
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool.
- A flame retardant, impact-resistant, bright orange outer coating.
- Integral guards help prevent hand contact with conductive parts.
- Special, high-leverage design for exceptional cutting capability.
- Cable-gripping shear-type jaws.
- Precision, one-hand shearing action
- Overall Length: 9¾"

KLE63050INS

\$61.00



Klein® Lineman's Skinning Knife

- Clearly marked with the official 1000-volt rating symbol.
- Durable two-layer insulation.
- Klein's exclusive design features molded measuring marks on back of handle to help measure stripping length of wire.
- Large molded handle for an easier, more comfortable grip.
- Tough, tempered steel blade provides maximum sharpness and durability to withstand frequent cable scoring.
- Meets or exceeds ASTM F1505-10, IEC 60900:2012, CAN/ULC-60900-09, NFPA-70E, 2012 ed. CSA Z462-08.
- Made in the USA
- Blade Length: 2¾"
- Overall Length: 8¾"

KLE1571INS

\$44.00





Klein® High-Leverage Side-Cutting Pliers

- Individually tested to exceed the IEC 60900 and ASTM F1505 standards, for insulated tools, and clearly marked with the official 1000-volt rating symbol.
- Two layers of insulation provide protection against electric shock.
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool.
- A flame retardant, impact-resistant, bright orange outer coating.
- High-leverage design provides 46% greater cutting and gripping power than other pliers
- Integral guards help prevent hand contact with conductive parts
- Jaw: 1¹/₁₆" W x 1¹/₃₂" L x 5/8" D
- Knife Length: 25/32"
- Overall Length: 9⁷/₈"
- Nose Type: New England

Standard Side Cutting Pliers

KLED2139NEINS **\$61.00**

2000 Series - Heavy Duty Cutting Knives

Cuts ACSR, screws, nails, most hardened wire

KLED20009NEINS **\$68.00**



Klein® High-Leverage Diagonal-Cutting Pliers • Angled Head

- Individually tested to exceed the IEC 60900 and ASTM F1505 standards, for insulated tools, and clearly marked with the official 1000-volt rating symbol.
- Two layers of insulation provide protection against electric shock.
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool.
- A flame retardant, impact-resistant, bright orange outer coating.
- Angled head for work in confined spaces
- High-leverage design. Rivet is closer to the edge for 36% greater cutting power than other plier designs.
- Cuts ACSR, screws, nails, most hardened wire.
- Integral guards help prevent hand contact with conductive parts.
- Jaw: 1³/₁₆" W x 1³/₁₆" L x 7/16" D
- Overall Length: 8¹/₄"
- Cutting Knives: standard

KLED200048INS **\$60.00**

Klein® Insulated Heavy-Duty Diagonal-Cutting Pliers Tapered Nose

- Individually tested to exceed the IEC 60900 and ASTM F1505 standards, for insulated tools, and clearly marked with the official 1000-volt rating symbol.
- Two layers of insulation provide protection against electric shock.
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool.
- A flame retardant, impact-resistant, bright orange outer coating.
- Heavy-duty tapered nose design.
- 1" deep jaws to reach into confined spaces
- Integral guards help prevent hand contact with conductive parts
- Jaw: 1" L x 31/32" W x 1/2" D
- Overall Length: 7⁷/₈"

KLED2207INS **\$56.00**



Klein® Pump Pliers

- Individually tested to exceed the IEC 60900 and ASTM F1505 standards, for insulated tools, and clearly marked with the official 1000-volt rating symbol.
- Two layers of insulation provide protection against electric shock.
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool.
- A flame retardant, impact-resistant, bright orange outer coating.
- Secure tongue and groove design for non-slip grip - even with heavy pressure.
- Integral guards help prevent hand contact with conductive parts.
- Overall Length: 10¹/₄"
- Maximum Jaw Capacity: 1³/₄"

KLED50210INS **\$50.00**



Insulated Tools

•Pliers & Cutters •Knives •Drivers & Sockets •Wrenches •Tool Kits •Load Break •Hot Sticks •Hot Stick Accessories



PIP® 8 Piece Male Hexagon Driver Set

Includes:

- | | |
|------------|------------|
| 1/8" x 3" | 5/16" x 6" |
| 1/8" x 6" | 3/8" x 7" |
| 3/16" x 6" | #1 x 5" |
| 1/4" x 6" | #2 x 6" |

• 2-Color dipped to indicate when the tool needs to be removed from service

PIP960000869

\$171.00



PIP® Long Arm Hexagon L-Shape Wrench Sets

• 2-Color dipped to indicate when the tool needs to be removed from service

Metric 12 Piece • Sizes range from 1.5mm - 12mm

PIP960001046

\$218.00

Standard 14 Piece • Sizes range from 1/16" - 1/2"

PIP960010144

\$181.00



PIP® 7 Piece Nut Driver Set

• 6" Nut Drivers

• Includes: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"

• 2-Color dipped to indicate when the tool needs to be removed from service

PIP960000925

\$198.00



PIP® 31 Piece Utility Field Kit 1/2" Drive

- 1/8" x 3" Electrician's Slot Composite Screwdriver
- 1/4" x 4 1/2" Electrician's Slot Composite CG Screwdriver
- 1/4" x 6" Electrician's Slot Composite CG Screw Driver
- #1 x 5" Phillips Composite CG Screwdriver
- 5/16"-5/8"-6" Hollow Hex Shank Composite Nut Driver (6 pc)
- 9 1/2" Premium Linesman Pliers with Crimper
- 8" Needle Nose Pliers
- 7 1/2" Diagonal Cutting Pliers
- 7" Plastic (holding) Pliers
- 10" Crimping Pliers
- 2-Color dipped to indicate when the tool needs to be removed from service

PIP960016034

\$1150.00

Klein® Phillips-Tip Round-Shank Screwdrivers

- 1000V Rated for safety
- Durable, two-layer, molded insulation to meet or exceed all ASTM and IEC standards for insulated tools
- Tips are profilated to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers
- Cushion-Grip handles for greater torque and comfort
- Custom US-made tool steel
- Made in the USA

	Point Size	Shank Length	Overall Length	
KLE6334INS	#1	4"	7 $\frac{3}{4}$ "	\$17.50
KLE6034INS	#2	4"	8 $\frac{5}{16}$ "	\$18.50
KLE6037INS	#2	7"	11 $\frac{1}{16}$ "	\$20.00
KLE6337INS	#3	7"	12 $\frac{3}{8}$ "	\$21.50

Klein® Cabinet-Tip Round-Shank Screwdrivers

- 1000V Rated for safety.
- Durable, two-layer, molded insulation to meet or exceed all ASTM and IEC standards for insulated tools.
- Perfect for electrical, telephone and work in recessed holes and other tight spaces.
- Custom US-made tool steel.
- Cushion-Grip handle for superior torque and comfort.
- Made in the USA

	Shank Tip Width	Shank Length	Overall Length	
KLE6017INS	3/16"	7"	10 $\frac{1}{4}$ "	\$18.50
KLE6057INS	1/4"	7"	11 $\frac{1}{16}$ "	\$20.00
KLE6027INS	5/16"	7"	12 $\frac{3}{8}$ "	\$20.50
KLE6028INS	3/8"	8"	13 $\frac{3}{8}$ "	\$26.00

Klein® 2-Piece Cushion-Grip Screwdriver Set

- Includes one 1/4" Cabinet-Tip (602-4-INS) and one #2 Phillips-Tip (603-4-INS)
- Reduces risk with work up to 1000 volts
- Durable, two-layer, molded insulation
- Orange outer coating is flame and impact resistant
- White high-dielectric inner coating is bonded to the steel
- Cushion-Grip handles for torque and comfort
- Meets or exceeds IEC 60900 and ASTM F1505 standards for insulation
- Made in the USA
- Each have an overall Length of 8 $\frac{5}{16}$ "

KLE33532INS **\$37.00**

Klein® Hallow-Shaft Nut Drivers • 6"

- Individually tested to exceed the IEC 60900 and ASTM F1505 standards, for insulated tools,
- Marked with official 1000-volt rating symbol.
- Two layers of insulation provide protection against electric shock.
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool.
- A flame retardant, impact-resistant, bright orange outer coating.
- Hollow shafts make it possible to work on stacked circuit boards or other long bolt applications.
- Tip-Ident quickly identifies nut driver size.
- Cushion-Grip handles for greater torque and comfort.

• Shank Length: 6"

	Color Code	Hex Size	Overall Length	
KLE6463/16INS	black	3/16"	9 $\frac{3}{4}$ "	\$17.50
KLE6461/4INS	red	1/4"	9 $\frac{3}{4}$ "	\$17.75
KLE6465/16INS	yellow	5/16"	9 $\frac{3}{4}$ "	\$18.00
KLE64611/32INS	green	11/32"	9 $\frac{3}{4}$ "	\$18.00
KLE6463/8INS	blue	3/8"	10 $\frac{1}{16}$ "	\$18.25
KLE6467/16INS	brown	7/16"	10 $\frac{1}{16}$ "	\$20.00
KLE6461/2INS	red	1/2"	11 $\frac{3}{8}$ "	\$21.00
KLE6469/16INS	orange	9/16"	11 $\frac{3}{8}$ "	\$23.50
KLE6465/8INS	yellow	5/8"	11 $\frac{3}{8}$ "	\$26.50

Speed Systems® Electrically Isolated Bit

- Designed for use with a socket wrench or torque wrench where total isolation is required between the socket and extension.
- Rated 1000V and 600 in-lbs of torque.
- 5/16" hex shaft and 3/8" drive for use on secondary set screw bar connectors
- 4 $\frac{1}{2}$ " overall length

SPSISE4 **\$61.00**

PIP® 18 pc Socket Set Fractional

- 1/4" Drive Standard Depth Fractional Socket Set with Ratchet
- 2-in Extension & Adaptors

PIP960001138 **\$458.00**

Insulated Tools

•Pliers & Cutters •Knives •Drivers & Sockets •Wrenches •Tool Kits •Load Break •Hot Sticks •Hot Stick Accessories



Speed Systems® Hex Shaft Ratcheting Box Wrenches

- Designed to provide end to end isolation for maximum safety.
- Ergonomically designed handle with a center "window" displaying the separation of the tool ends.
- Thick-walled plastic ergonomic handle with center isolation hole
- Rated 1000V
- Hex shaft for use on secondary set screw bar connectors
- 1½" extended shafts

SPSRBW1	One Side, 5/16" Hex	\$43.00
SPSRBW2	Two Sided, Both 5/16" Hex	\$43.00
SPSRBW3	Two Sided, 5/16" and 3/8" Hex	\$53.00
SPSRBW38H	One Side, 3/8" Hex	\$43.00



Speed Systems® Lineman's Ratcheting Box Wrenches

- For overhead hardware applications
- 3/4", 1" and 1 ½" square drive sockets on single head
- Open center for bolt to pass through
- Large reversing lever
- Padded handle
- Two-sided 3/4" and 9/16" 12 point ratcheting box wrench on opposite end
- Weighs only 1.25 pounds!

SPSOHWD	3½" Deep Socket	\$152.00
SPSOHW	2" Short Socket	\$132.00

Klein® Lineman's Insulating Box Wrench

- The first double-ended wrench on the market to meet the ASTM standard 1000V rating!
- 9/16" and 3/4" sizes in one tool
- "See-through" handle confirms metal ends are not connected.
- Textured grooves in handle prevent slipping.
- 12-point sockets
- Reverse ratcheting action by simply turning wrench over.
- Made in USA.

KLEKT223INS Insulated **\$32.50**



Klein® Lineman's 4-in-1 Box Wrenches

- 1/2", 9/16", 5/8" and 3/4" sizes in one tool
- 12 point sockets.
- The only double ended 4 in 1 wrench on the market that meets the ASTM standard 1000V rating!
- "See-through" insulating handle confirms metal ends are not connected.
- Reverse ratcheting action by reversing switches on each end of the wrench.
- Textured grooves in handle prevent slipping.
- Chrome plated finish resists corrosion.
- Made in USA

KLEKT223X4INS Insulated **\$38.00**



Speed Systems® Penta/Hex Wrench

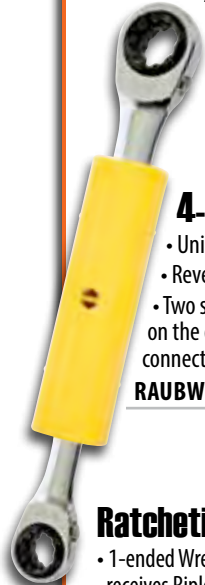
- Penta socket on one end and a 3/4" hex on the other
- Stainless steel
- Captive folding cross-rod for leverage

SPSPHW1 **\$29.00**

BUGWRENCH™

Rauckman™ Bug Wrench® Designed for Linemen

- The BugWrench handle is designed with a visual and physical indicator permanently molded (in a shape of a rib) in 2 positions on the handle.
- This rib provides an indication of the "isolated area" of the handle.
- Holding the wrench behind the appropriate rib (see photo) provides a 1,000 V rating between the metal working end and the operator's hand.
- Independent dielectric tests have demonstrated that the fiberglass reinforced nylon handle used on all non-conductive BugWrench models meet or exceed all electrical requirements contained in ASTM 1505-10.
 - A see-through port in the center of the handle to confirm that the two ends are not electrically connected
 - Tool metal-to-metal electrical isolation superior to others
 - Pull-Apart Strength greater than others



4-IN-1 Ratcheting Gear Wrench

- Unique combination of 4 popular head sizes in one wrench
- Reversing ratchet BugWrench
- Two separate sizes on each end - 1/2" & 9/16" on one, 5/8" & 3/4" on the other. These sizes are the most common on T&D apparatus & connectors.

RAUBW244 4-in-1 Reversing Ratchet **\$42.00**

Ratcheting Cable Stripper Wrench

- 1-ended Wrench equipped with fitting that receives Ripley's 4x4 (not included - sold on pg 114)
- Eye loop on other end.

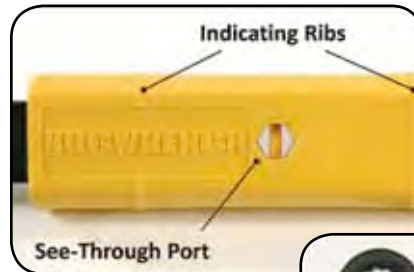
RAUBW400 **\$67.00**



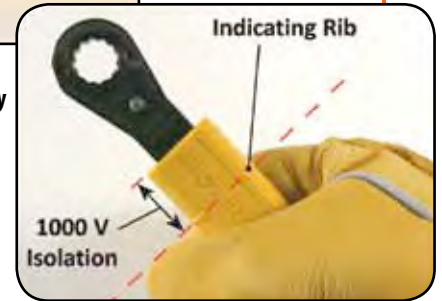
Ratcheting Gear Wrench • Heavy Duty

- Flip over for reverse action
- Fine geared action
- Heavy Duty forged

RAUBW223HD 3/4" and 9/16" Combo **\$34.00**



Holding a BUGWRENCH properly with hand behind the rib



Allen and Penta Ratcheting Combo Wrenches

- Non-reversible ends - Flip over for reverse action

RAUBW2093P 5/16" Allen • Penta Socket **\$54.00**

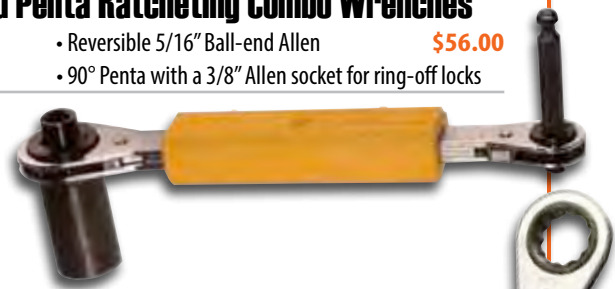
RAUBW241P Reversible 5/16" Allen • Penta socket **\$70.00**



Allen and Penta Ratcheting Combo Wrenches

- Reversible 5/16" Ball-end Allen **\$56.00**
- 90° Penta with a 3/8" Allen socket for ring-off locks

RAUBW251



Ratcheting Gear Wrenches

- Flip over for reverse action

	End 1	End 2	
RAUBW223	3/4"	9/16"	\$24.00
RAUBW2237	5/8"	3/4"	\$23.00
RAUBW221	3/8"	9/16"	\$20.00
RAUBW2212	1/2"	9/16"	\$22.00
RAUBW2210	3/8"	7/16"	\$35.00
RAUBW2235	5/8"	11/16"	\$25.00
RAUBW2232	3/4"	11/16"	\$29.00
RAUBW224	3/4"	7/8"	\$27.00
RAUBW2240	13/16"	7/8"	\$27.00



Insulated Tools

•Pliers & Cutters •Knives •Drivers & Sockets •Wrenches •Tool Kits •Load Break •Hot Sticks •Hot Stick Accessories



Klein® 13-Piece Utility Tool Kit • Choice of Case

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Set Contains an assortment of 13 professional, insulated tools.

D2000-9NE-INS	Side-Cutting Pliers
D2000-28-INS	Diagonal-Cutting Pliers
D2000-48-INS	Diagonal-Cutting Pliers - Angled Head
D203-8-INS	Heavy-Duty Long-Nose Pliers - Side Cutting
602-4-INS	Cabinet-Tip - Round-Shank Screwdriver (1/4" x 4")
602-7-INS	Cabinet-Tip - Round-Shank Screwdriver (5/16" x 7")
602-8-INS	Cabinet-Tip - Round-Shank Screwdriver (3/8 x 8")
633-4-INS	Phillips-Tip - Round-Shank Screwdriver (#1 x 4")
603-4-INS	Phillips-Tip - Round-Shank Screwdriver (#2 x 4")
633-7-INS	Phillips-Tip - Round-Shank Screwdriver (#3 x 7")
63050-INS	High-leverage cable cutter
D502-10-INS	Pump Pliers
1571-INS	lineman's skinning knife
33535	Extra-Sturdy, Bright-Yellow case

With Hard Yellow Case

- The custom case includes 2 pallets with custom-fitted pockets for each tool, piano-hinged case cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items.
- Overall case dimensions are: 18 7/8" W x 15 3/8" D x 8 1/4" H

KLE33525 **\$695.00**

With Roll-Up Case

- Has a padded, adjustable shoulder strap
- Overall carrying case dimensions: Opened 24.5" x 24.5"; Closed 24.5" x 5.5"

KLE33525SC **\$603.00**



PIP® Basic Electrician Tool Roll • 9 piece

2-Color dipped to indicate when a tool needs to be removed from service

- 9" Linesman Pliers
- 7" Needle Nose Pliers
- #2 x 6" Square (Robertson) Screwdriver
- 3/16", 1/4" - 6" Slotted Screwdriver
- 7 1/2" Diagonal Cutting Pliers
- Combination Stripper & Crimper
- #1 x 5" Phillips Screwdriver
- #2 x 4 1/2" Phillips Screwdriver

PIP960013302

\$286.00



PIP® Sub-Station Tool Roll • 18 Piece • 6" Nut Drivers

2-Color dipped to indicate when a tool needs to be removed from service

- 1/8" x 3" Slotted Screwdriver
- 3/16", 1/4" - 6" Slotted Screwdriver
- #2 x 6" Square (Robertson) Screwdriver
- 3/16", 7/32", 1/4", 9/32", 5/16", 3/8", 1 1/2" Nut Drivers
- 9" Linesman Pliers
- 7 1/2" Diagonal Cutting Pliers
- 6" Needle Nose Pliers
- Combination Stripper & Crimper
- Fuse Puller
- Crimper
- Plastic Pliers

PIP960013433

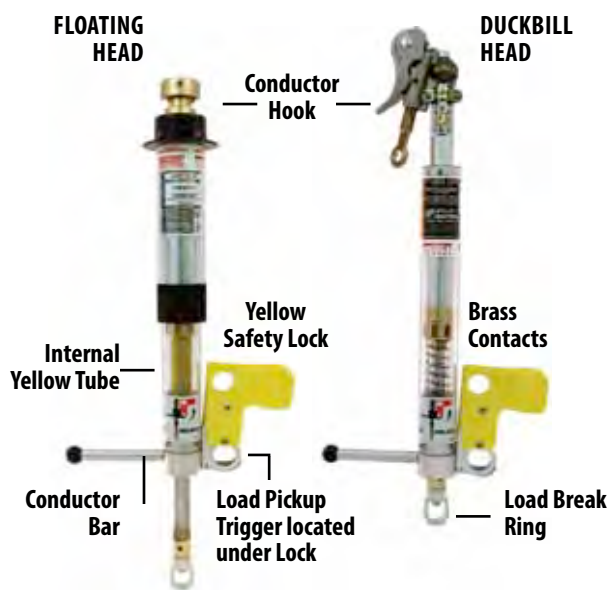
\$545.00

Utility Solutions® Break-Safe® Load Break & Pick-up Tool

- Jumper clamp that functions like a portable switch. It is designed to operate on overhead distribution lines in conjunction with a mechanical jumper.
- Has three operating functions:
 - LOAD BREAK
 - LOAD PICKUP
 - CONTINUOUS CURRENT DUTY
- Available with either a Floating or a Duckbill Head and comes in three models:
 - 15 kV / 300 amp
 - 27 kV / 300 amp
 - 46 kV / 200 amp
- Operated with a fiberglass hot stick for load break and load pick-up functions.
- The Yellow Safety Lock is operated by a hot stick and helps prevent the tool from an unintended load break or pickup operation.
- There are two case options to keep the BREAK-SAFE® protected during transport and storage. A soft case and a hard case which is lockable and water tight.

ADD A SOFT CASE, ADD "S" TO THE END OF PART NUMBER + \$155.00

ADD A HARD CASE, ADD "H" TO THE END OF PART NUMBER + \$200.00



Floating Head	Operational Voltage	Load Break Rating	Load Pickup Rating	Continuous Current Rating	Conductor Size	Weight	Dimensions	
UTSUSBS151PS	15 kV	300 AMP	300 AMP	300 AMP	#6 COPPER MIN. up to 954 ACSR (1.1" dia.) MAX.	7 lbs 1 oz	27" L x 2.5" dia	\$2353.00
UTSUSBS271PS	27 kV	300 AMP	300 AMP	300 AMP	#6 COPPER MIN. up to 954 ACSR (1.1" dia.) MAX.	7 lbs 14 oz	31" L x 2.5" dia	\$2802.00
UTSUSBS461PS	46kV	200 AMP	200 AMP	200 AMP	#6 COPPER MIN. up to 954 ACSR (1.1" dia.) MAX.	10 lbs 1 oz	39" L x 2.5" dia	\$4106.00

Duckbill Head	Operational Voltage	Load Break Rating	Load Pickup Rating	Continuous Current Rating	Conductor Size	Weight	Dimensions	
UTSUSBS152PS	15 kV	300 AMP	300 AMP	300 AMP	#6 COPPER MIN. up to 954 ACSR (1.1" dia.) MAX.	7 lbs 1 oz	27" L x 2.5" dia	\$2423.00
UTSUSBS272PS	27 kV	300 AMP	300 AMP	300 AMP	#6 COPPER MIN. up to 954 ACSR (1.1" dia.) MAX.	7 lbs 14 oz	31" L x 2.5" dia	\$2836.00
UTSUSBS462PS	46kV	200 AMP	200 AMP	200 AMP	#6 COPPER MIN. up to 954 ACSR (1.1" dia.) MAX.	10 lbs 1 oz	39" L x 2.5" dia	\$4168.00



Insulated Tools

•Pliers & Cutters •Knives •Drivers & Sockets •Wrenches •Tool Kits •Load Break •Hot Sticks •Hot Stick Accessories

Hastings® Tel-O-Pole® Hot Sticks

The original Tel-O-Pole® Hot Stick is designed for long reach, speed, convenience and safety. All sections are fabricated with reinforced electrical grade fiberglass, for greater strength and high dielectric properties.

- For opening and closing disconnect switches
- Replacing fuses on transformers
- Pruning tree limbs
- Fluorescent green tip section is highly visible and has a foam core
- Several models and lengths available

Hastings® Tel-O-Pole® Hot Stick with Tip Lock Feature

- Tip retracts and locks into next larger section.
- The tip diameter for this model (extended) is 7/8" or (retracted) is 1 1/2".

	EXTENDED	RETRACTED	BASE DIA	LBS	
HASST235	17'-21.5'-26'-30'-35'	63 3/8"	2 1/16"	11.0	\$521.00
HASST240	22'-26'-30'-35'-40'	65 3/8"	2 7/8"	13.9	\$644.00

Hastings® Tel-O-Pole II® The "No Twist" Stick

- Unique triangular design.
- All models are heavy duty.
- Triangle shape enables each section to "lock in automatically", no need to search for the button
- Fluorescent green tip section is highly visible and has a foam core
- Sections can be removed or added to make the stick the preferred length.
Example: HV-235 remove 4 sections to make it 20 ft instead of 35 ft
- Ergonomic design gives the operator a better gripping surface for better control
- All sections have a smooth glossy surface for routine cleaning and waxing



	Extended	Retracted	Base Dia	Lbs	
HASHV208	8'	26"	1.75"	3	\$160.00
HASHV3V12	12'	37"	1.45"	4.25	\$175.00
HASHV235	35'	68"	2.22"	12.1	\$436.00
HASHV240	9'6"	69"	2.38"	14.4	\$502.00

Hastings® Tel-O-Pole® Measuring Sticks

- Safely measure vertical heights. Also available in Metric graduations.
- Used to measure overhead lines, telephone, cable-TV, highway clearances, and structures.
- Eye-level reading, no calculations required, the read-height is shown at the top of the base section
- Positive locking buttons, spring-loaded, fast accurate and easy to extend
- Standardized parts for quick and easy repair and replacement

English Graduations	Extended	Retracted	Lbs	
HASE35	35'	65 3/4"	5.9 lbs.	\$411.00
HASE40	40'	65 3/4"	7.5 lbs.	\$511.00

Hastings® Fiberglass Switch Sticks

- Switch heads are made of bronze
- Designed to NEMA standards
- 1 1/4" diameter

	Length	
HAS4604	4 ft	\$54.00
HAS4606	6 ft	\$77.00
HAS4608	8 ft	\$98.00





Shown with External Operating Rod

Extended length spear offers easy method of locating the eye of hot taps that are otherwise difficult to locate

Full open side hook for an unobstructed view of the hook

Hook release trigger is shielded requiring deliberate action to open the hook

Universal Fitting on Base Option

- Allows the use of many universal accessories

Hastings® Fiberglass Shotgun Sticks

- Non-Conductive Polycarbonate head is durable, impact resistant and unaffected by extreme temperatures. A 5" deep throat and larger opening means greater control on hot taps. Has a Hanger Hook molded into it.
- Operating rod guide eliminates dirt and moisture and can be cleaned easily
- Precision cast slide has 13 teeth/inch for complete control and grip

Fixed Length Sticks with External Operating Rod (PICTURED AT LEFT)

Standard	Length	
HAS8104	4'6"	\$227.00
HAS8106	6'6"	\$350.00
HAS8108	8'6"	\$275.00

With Universal Fitting on Base

HAS8104U	4'6"	\$243.00
HAS8106U	6'6"	\$266.00
HAS8108U	8'6"	\$291.00

With Bottom Break Hook Option

HAS8104X	4'6"	\$227.00
HAS8106X	6'6"	\$250.00
HAS8108X	8'6"	\$275.00

Fixed Length Sticks with Internal Operating Rod

Standard	Length	
HAS8204	4'6"	\$222.00
HAS8206	6'6"	\$256.00
HAS8208	8'6"	\$279.00

With Universal Fitting on Base

HAS8204U	4'6"	\$238.00
HAS8206U	6'6"	\$272.00
HAS8208U	8'6"	\$295.00

With Bottom Break Hook Option

HAS8204X	4'6"	\$222.00
HAS8206X	6'6"	\$256.00
HAS8208X	8'6"	\$279.00

Telescoping Stick

- Adjusts 5'1" to 6'6" 8' with sure locking pins

	Options	
HAS8158	Standard	\$258.00
HAS8158U	Universal Base	\$374.00
HAS8158BP	Button Protector	\$374.00

Hastings® Universal Pruning Saw

- Fast cutting 16" curved steel blade with 7 teeth per inch
- Adapts to all tools with universal heads
- Can be used as a hand saw by attaching handle accessory
- Scabbard is made of leather for safe storage of saw

HASA11000 Universal Pruning Saw **\$39.00**

HASP11004 Replacement Blade **\$79.00**

HASA30007 Saw Scabbard **\$25.00**

HASA10016 Handle **\$16.00**



Hastings® Universal Tree Pruner

- Drop forged steel double cutting action blades
- Two pulley rope string triples the power for cutting limbs up to 1 1/2" diameter
- Universal saw can be attached to head
- Complete unit mounted on 12" fiberglass shaft with universal adapter and 25' polypropylene rope

HASA10019 **\$175.95**



Hastings® Tree Trimming Kit

- Open the tool kit bag and you have your choice of tree trimming tools in the length you need, all in a convenient heavy duty vinyl tool bag that offers long wear and maximum protection for the tools.
- Kits are available with round or square pole sections in 4 ft or 6 ft lengths.

Kit Includes:

- 1 Pruner Head Assembly - 2'
- 4 Extension Sections with 1 Base Cap
- 1 Universal Pruning Saw (A11000)
- 1 Saw Handle (A10016)
- 1 Saw Scabbard (A30007)
- 1 Universal Adapter (A10012)
- 1 Universal "S" Hook for pushing or pulling tree limbs (P10046)
- 1 Multiple Pocket Vinyl Tool Bag

HAS4141 **\$660.00**

Insulated Tools

•Pliers & Cutters •Knives •Drivers & Sockets •Wrenches •Tool Kits •Load Break •Hot Sticks •Hot Stick Accessories



Utility Solutions® Jack Jumper™ Cutout Bypass Tool

- Permits a safe and quick method to bypass an overhead cutout without the tedious use of bulky jumper cables.
- Indispensable for fuse coordination tasks and permits easy bypass of an underground dip.
- Saves time and money, eliminates risk of service interruption and prevents accidental cross phasing.
- Install and remove with a shotgun stick.
- Optional Soft Case available

UTSUSJJ001	15 kV Cutout Bypass Tool	\$374.00
UTSUSJJ002	27 kV Cutout Bypass Tool	\$393.00
UTSUSJJ003	15 kV Chance™ Loadbreak Cutout Bypass Tool	\$430.00
UTSUSJJ004	15 kV ABB™ Loadbreak Cutout Bypass Tool	\$430.00

Utility Solutions® Jumper Aid™

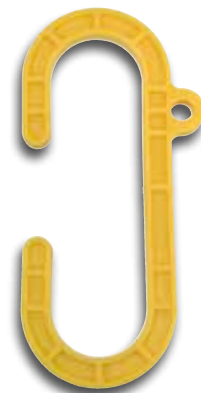
- Supports a jumper wire during construction, maintenance, or repairs. Useful when a jumper is required to be in the vicinity of a conductor of a different voltage/phase.
- Allows for the mechanical jumper and or conductor to be supported while wrapped in an insulating rubber blanket and or line hose while eliminating the need for rope or tape
- The pivoting nature offers positive locking about the jumper/ conductor.
- Also prevents jumper "sag" about a cross arm
- Patented
- 14" x 10" x 1"



UTSUSJH002 **\$113.00**

Utility Solutions® Jumper Hook

- Designed to eliminate jumper clamp sag and prevent potential cross-phasing situations without the time consuming use of tape, bungee cords or rope.
- Minimizes a jumper clamp swaying in high wind conditions.
- Hang multiple Jumper Hook units along the intended jumper clamp path and let the tool cradle the jumper clamp.
- Easily installed by a gloved hand or with a shotgun stick - will fit over any class 2 or 3 line hose and exhibits a flash-over resistance of over 50 kV.
- Made of a high visibility polymer material
- Durable even in cold temperatures.
- 11" x 4.5" x .5"



UTSUSJH001 **\$105.00**



Utility Solutions® Grab-It™ Cutout Fuse Tube Remover

- Simple and safe method to remove or install overhead fuse barrels.
- Provides positive control of the fuse barrel even in high wind conditions to prevent accidental drops. No need to find the fuse barrel pull ring or lifting eye which is difficult in low lighting conditions. Simply sweep behind the fuse barrel and lift.
- Works as well at the end of a 50 ft telescopic as it does at the end of an 8 ft bucket stick. Requires no special stick movement or procedure to operate.
- Machined from aircraft grade aluminum to provide years of trouble free operation.
- Has no moving parts, no springs and no plastic parts to break.

	Fuse Tubes	Dimensions	Wt	
UTSUSGRABIT1	100 AMP	4.5"x4.5"x4"	11 oz	\$105.00
UTSUSGRABIT2	100 & 200 AMP	4.5"x4.5"x4"	11 oz	\$105.00
UTSUSGRABIT3	SMU-20	6"x4.5"x4"	15 oz	\$192.00

Utility Solutions® Klondike Clamp

- Safely secures blankets in position on poles without damaging the blankets.
- Can also be used in a myriad of pad mount equipment situations where it is difficult to secure the blanket by conventional means.
- Molded from a tough weather resistant polymer and stainless steel hardware to provide years of maintenance free usage



	Pole Range	Length	
UTSUSCP001	6-11" Dia	16"	\$77.00
UTSUSCP002	11-20" Dia	23"	\$133.00

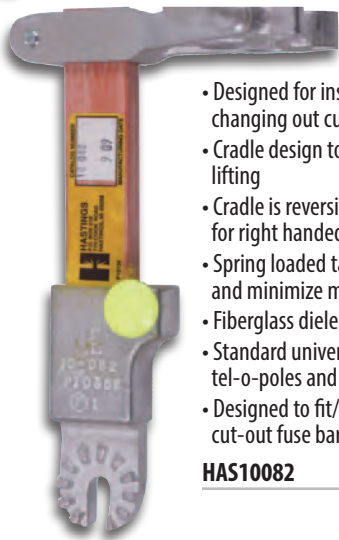


Hastings® Fuse Cup

- Holds 100 amp and 200 amp fuse barrels from any manufacturer
- Simplifies capturing the fuse barrel for quick and easy fuse removal and installation
- Fiberglass material eliminates potential hazards of flashover when removing or installing fuse tubes
- For greater strength the aluminum prong is sealed and covered with the fiberglass reinforced nylon
- Safety-Yellow color makes the Fuse Cup easy to see in all light conditions

HAS10094

\$84.00



Hastings® Fuse Claw

- Designed for installing, removing, and changing out cutout fuse barrels
- Cradle design to stabilize fuse barrel during lifting
- Cradle is reversible so hook can be adapted for right handed or left handed operation
- Spring loaded tabs to hold fuse barrel in place and minimize movement
- Fiberglass dielectric main body
- Standard universal fitting for use with all tel-o-poles and universal sticks
- Designed to fit/install standard 100 amp cut-out fuse barrels

HAS10082

\$114.00

Hastings® Hot Stick Aluminum Canister Sets

- Fit common sizes of schedule 30/40 PVC 4" and 6" pipe, and 6" drain pipe.
- Designed for easy assembly
- Kit consists of aluminum lid assembly, end cap, and 2 mounting brackets, adhesive kit, required mounting hardware and instructions. (Also available with premium brackets in place of the standard brackets)
- Latch pin is a captive component and is easily operated by a pull or push motion
- Latch pin hinge is stainless steel
- Water and dust proof seal



Standard Aluminum Kit Fits Outer Diameter:

HAS013200	4½" O.D. Schedule 30/40 PVC	\$131.00
HAS013400	6⅝" O.D. Schedule 30/40 PVC	\$173.00

Hastings® Hot Stick Wipes

- Excellent for daily wiping of your hot sticks prior to use
- Removes contaminants such as dirt, oils, creosote, and other undesirable matter
- 50 individually packaged wipes in a heavy duty cardboard dispenser box that can be installed on a wall or post in a convenient location to the line trucks
- Leaves a silicone moisture barrier which enables water to bead up. Eliminating the blanket effect when using hot sticks in wet conditions.
- Environmentally safe

HAS10188

\$74.00

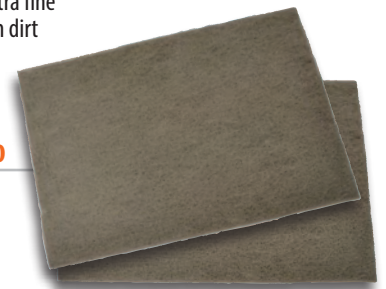


3M® Scrubbing Pad

- The 3M Scotch-Brite™ Ultra Fine Hand Pad is excellent for cleaning hot sticks. The ultra fine grade silicon carbide will remove tough dirt and grime.
- Size: 6" x 9"
- Box of 20

MMM7448

\$24.00



Hastings® All Purpose Concentrate Cleaning Kit - 6-Pk

- Kit Includes: (6) 7 oz. ready to mix plastic containers of concentrated all purpose cleaner, (14) ultra fine nonmetallic pads, (6) large adhesive backed identification labels to affix to your gallon containers after mixing
- Mix one plastic bottle with one gallon of water
- Compact box with closable lid stores easily and you only mix when needed
- Saves shipping costs of pre-mixed gallons

HAS10197

\$65.00



Hastings® Boom & Bucket Wax

- High grade carnuba wax specially formulated for application to fiberglass finishes
- Properly applied, the wax will produce a hard tack-free weather resistant surface - resistant to temperatures and weather extremes
- Wax may be applied by hand and hand polished - wax on / wax off

HAS10091 1 Can (14 oz) \$25.00

HAS100911 1/2 Case (6 cans) \$142.00

HAS100912 1 Case (12 cans) \$280.00



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives



Klein® Keystone-Tip Cushion-Grip • Heavy Duty • Square-Shanks

- Heavy-duty square shank for wrench-assisted turning.
- Bolster reinforces shank for hard use.
- Cushion-Grip handle for greater torque and comfort.
- Premium chrome-plated for smooth feel and corrosion resistance.
- Internal flanges inside handle provide solid, twist-resistant blade anchor.
- Special heat-treated shafts.
- Precision-machined tip for exact fit.
- Meets or exceeds applicable ASME / ANSI specifications.
- Tip-Ident® quickly identifies the screwdriver type and tip orientation

	Tip Size	Shank Length	Overall Length	
KLE6004	1/4"	4"	8 ¹ / ₂ "	\$9.00
KLE6006	5/16"	6"	10 ¹ / ₁₆ "	\$11.00
KLE6008	3/8"	8"	13 ⁷ / ₁₆ "	\$15.00
KLE60012	1/2"	12"	17 ⁷ / ₁₆ "	\$18.00

Klein® Phillips-Tip Cushion-Grip • Round-Shanks

- Precision-machined tip provides accurate fit and torque without slippage.
- Premium chrome-plated for smooth feel and corrosion resistance.
- Tip-Ident® quickly identifies the screwdriver type and tip orientation.
- Internal flanges inside handle provide solid, twist-resistant blade anchor.
- Cushion-Grip handle for greater torque and comfort.
- Special heat-treated shafts.
- Meets or exceeds applicable ASME / ANSI specifications.

	Tip Size	Shank Length	Overall Length	
KLE6033	#1	3"	6 ³ / ₄ "	\$7.00
KLE6034	#2	4"	8 ⁵ / ₁₆ "	\$8.00
KLE6037	#2	7"	11 ³ / ₁₆ "	\$9.00
KLE60310	#2	10"	14 ³ / ₁₆ "	\$10.00
KLE6036	#3	6"	11"	\$11.00



Klein® Keystone-Tip Cushion-Grip • Heavy Duty • Round-Shanks

- Hex bolster reinforces shank for hard use and allows wrench assisted turning.
- Cushion-Grip handle for greater torque and comfort.
- Premium chrome-plated for smooth feel and corrosion resistance.
- Internal flanges inside handle provide solid, twist-resistant blade anchor.
- Special heat-treated shafts.
- Precision-machined tip for exact fit.
- Meets or exceeds applicable ASME / ANSI specifications.
- Tip-Ident® quickly identifies the screwdriver type and tip orientation.

	Tip Size	Shank Length	Overall Length	
KLE6024	1/4"	4"	8 ¹ / ₂ "	\$9.00
KLE6026	5/16"	6"	10 ¹ / ₁₆ "	\$11.00
KLE6028	3/8"	8"	13 ⁷ / ₁₆ "	\$14.00
KLE60210	3/8"	10"	15 ⁷ / ₁₆ "	\$16.00
KLE60212	3/8"	12"	17 ⁷ / ₁₆ "	\$18.00

Klein® Demolition Screwdrivers Keystone Tip

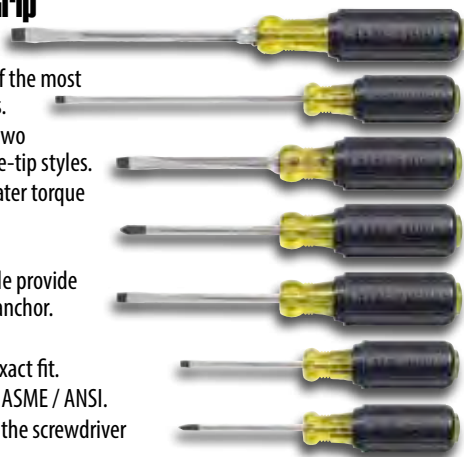
- Engineered, manufactured and tested for prying and chiseling
- Plated metal strike cap to protect handle from hammer blows
- Heat treated metal shaft runs complete length of handle to strike cap to transfer metal strike force
- Made in the USA.

	Tip Size	Shank Length	Overall Length	
KLE6024DD	1/4"	4"	9"	\$14.00
KLE6027DD	5/16"	7"	12 ³ / ₈ "	\$18.00



Klein® 7 pc Cushion-Grip Screwdriver Set

- General-purpose selection of the most frequently used screwdrivers.
- Includes: three cabinet-tip, two Phillips-tip and two keystone-tip styles.
- Cushion-Grip handle for greater torque and comfort.
- Premium chrome-plated.
- Internal flanges inside handle provide solid, twist-resistant blade anchor.
- Special heat-treated shafts.
- Precision-machined tip for exact fit.
- Meets or exceeds applicable ASME / ANSI.
- Tip-Ident® quickly identifies the screwdriver type and tip orientation



SET INCLUDES:

	Description	Blade Length	Overall Length
600-4	Square-shank, keystone-tip*	4"	8 ¹¹ / ₃₂ "
602-6	Round-shank, keystone-tip*	6"	10 ¹⁵ / ₁₆ "
601-3	Round-shank, cabinet-tip	3"	6 ³ / ₄ "
601-6	Round-shank, cabinet-tip	6"	9 ³ / ₄ "
605-4	Round-shank, cabinet-tip*	4"	8 ¹¹ / ₃₂ "
603-3	Round-shank, #1 Phillips-tip	3"	6 ³ / ₄ "
603-4	Round-shank, #2 Phillips-tip	4"	8 ³ / ₁₆ "

A reusable plastic container.

*Indicates Heavy-duty models

KLE85076

\$55.00

Craftsman® 12 pc. Nut Driver Set • SAE & Metric

• Zippered Case

- Includes 6 SAE and 6 Metric Drivers:
- Drive Size: 1/4", 5/16", 3/8", 7/16", 1/2", 11/32"
 - Drive Size: 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 11 mm
- Nut drivers are color coded and size stamped on the ends
 - Shank Length: 2.9"
 - Drive Type: Hex
 - Plastic Grip Handles
- Zippered case: 8.5" x 9.5" x 12.7"
- Lifetime General Warranty

CRA00934555

\$38.00



Klein® Nut Drivers Cushion-Grip • 3" Hollow Shafts

- Standard length for most applications.
- Fits over long bolts and studs.
- Full hollow shafts facilitate work on stacked circuit boards or other long bolt applications.
- Internal flanges provide solid, twist-resistant shaft anchor.
- Premium chrome plated for smooth feel and corrosion resistance.
- Meets or exceeds applicable ASME / ANSI specifications.
- Handle end is also color coded for easy identification.
- Cushion-Grip handle allows for greater torque and comfort.
- Tip-Ident® quickly identifies nut driver and size.



	Color Code	Hex Size	Shaft Length	Overall Length	
KLE6303/16	Black	3/16"	3"	6 ³ / ₄ "	\$7.00
KLE6301/4	Red	1/4"	3"	6 ³ / ₄ "	\$7.00
KLE6305/16	Yellow	5/16"	3"	6 ³ / ₄ "	\$7.00
KLE63011/32	Green	11/32"	3"	6 ³ / ₄ "	\$7.00
KLE6303/8	Blue	3/8"	3"	6 ³ / ₄ "	\$7.00
KLE6307/16	Brown	7/16"	3"	7 ¹ / ₁₆ "	\$8.00
KLE6301/2	Red	1/2"	3"	7 ¹ / ₁₆ "	\$9.00
KLE6309/16	Orange	9/16"	4"	9 ³ / ₈ "	\$11.00
KLE6305/8	Yellow	5/8"	4"	9 ³ / ₈ "	\$12.00

Klein® 7 pc Nut Driver Set Cushion-Grip

- Cushion Grip handles
- Chrome plated shaft helps prevent corrosion
- Set contains: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"

• 3" Shafts

KLE631 \$49.00

• 3" Hollow Shaft • Magnetic Tip

- Full hollow shafts facilitate work on long bolt applications (3/16" does not have hollow shaft)

KLE631M \$68.00



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives



Klein® Ratcheting Box Wrenches • 12 point

	Size	Length	
KLE68200	¼" x ⅝"	4¾"	\$11.00
KLE68201	⅜" x 7/16"	5½"	\$9.00
KLE68202	½" x 9/16"	6⅞"	\$17.00
KLE68203	⅝" x 11/16"	8¼"	\$20.00
KLE68204	⅝" x ¾"	8¼"	\$21.00
KLE68205	11/16" x ¾"	9¼"	\$23.00
KLE68206	13/16" x 7/8"	9¼"	\$23.00

Klein® 7-Piece Ratcheting Box Wrench Set

- Set of the ratcheting box wrenches in vinyl roll-up pouch.
- Both ends are offset 25° for more convenient use in confined spaces and on long studs.
- Different size at each end.
- Laminated construction for greater strength.
- Reverse ratcheting action by simply turning wrench over.
- Chrome-plated finish for rust resistance.
- 12-Point Hex

Includes:

	Size	Length	
68200	¼" x ⅝"	4¼"	
68201	⅜" x 7/16"	5½"	
68202	½" x 9/16"	6½"	
68203	⅝" x 11/16"	8"	
68204	⅝" x ¾"	8"	
68205	11/16" x ¾"	9¼"	
68206	13/16" x 7/8"	9¼"	
KLE68222	Set		\$125.00



Klein® Adjustable Wrench Extra Wide Jaw

- 1 ½" jaw has the same capacity as a standard 12" wrench.
- Standard and metric sizes marked for faster adjustment.
- Blue Plastic dipped handle
- Unique design minimizes protruding jaw shank for greater capacity in tight spaces.
- Wide handle for comfortable use.
- Overall Length: 8½"
- Capacity: 1½"

KLED5098 \$32.00



Klein® Can Wrench

- Two tools in one; saves space in your pouch.
- One end opens telephone box fasteners, the other end tightens nuts on binding-post terminals.
- The 7/16" socket has a black finish and the 3/8" socket has a silver finish.
- Sockets are 1 ¼" deep to fit over long binding posts and are thin-walled for easy access into tight areas.
- Socket ends are color-coded for quick identification of socket sizes.
- Hex-socket design enables using a wrench to obtain extra torque.
- High-impact, break-resistant handle for long and dependable service.
- Sockets are heat-treated, alloy steel."
- 7" L x 1" Diameter

KLE68005 \$19.00



Klein® Lineman's 4-in-1 Box Wrench

- 1/2", 9/16", 5/8" and 3/4" sizes in one tool
- 12 point sockets.
- Reverse ratcheting action by reversing switches on each end of the wrench.
- Textured grooves in handle prevent slipping.
- Chrome plated finish resists corrosion.
- Made in USA

KLE2KT23X4 \$28.00





Klein® Bell System Type

- Similar to standard lineman's wrench, but with end openings sized to NEMA hardware specifications.
- Silver painted finish
- Length: 13"
- Large end has 1 1/16" and 1 3/16" openings, Small end has 11/16" and 7/8" openings

KLE3146B **\$63.00**



Klein® Lineman's Wrench

- Forged from special bar steel and heat-treated for long life.
- Each end has two different size openings.
- Hole is provided at larger end for turning-in standard pole steps.
- Wrench is suited for use on the heavy three-bolt guy clamps on which clearance is limited.
- Dark blue painted finish with small end painted silver.
- Length: 13"

KLE3146A For 3/4" hardware **\$63.00**

Large end has 1 1/16" and 1 3/16" openings. Small end has 5/8" and 7/8" openings.

KLE3146 For 5/8" hardware **\$63.00**

Large end has 29/32" and 1 3/32" openings. Small end has 5/8" and 13/16" openings.



PIP® Dipped Adjustable Wrenches

- 100v Rated
- Does NOT meet ASTM standards for insulated tools
- 2-Color dipped
- Longer jaws for a better grip

PIP955010094 10" **\$39.00**

PIP955010096 12" **\$51.00**



Klein® Lineman's Ratcheting Wrenches

- Bolt-through design allows bolts to pass through the socket
- Bright yellow socket for easy visibility
- Works on most common utility pole hardware, such as lag bolts, "C" clamps and suspension bolts

All wrenches below include 3/4" and 1" x 1 1/8" combination square socket for common utility hardware on one end. Choice of socket on other end.

KLEKT155T 5-in-1 Lineman's Wrench **\$96.00**

Bolt Size: 1/2", 5/8" and 3/4" • Length: 9 1/2"

KLEKT155HD 5-in-1 Lineman's Wrench, Heavy Duty **\$96.00**

Offers two popular hex sizes: 9/16" and 3/4" • Length: 12"

KLEKT151T Ratcheting Lineman's Wrench **\$94.00**

Bolt Size: 1/2", 5/8" and 3/4" • Length: 13"

Klein® Adjustable-Head Construction Wrench

- Eliminates the need for carrying several fixed-size wrenches
- Drop-forged from select alloy steel with continuous-taper handle
- Industrial black finish.

	Max Size Capacity	Length	
KLE3239	1 1/2"	16"	\$70.00
KLE3227	1 3/16"	11"	\$44.00

Klein® Ratcheting Erection Wrench

Accepts 1/2" square-drive hex sockets. Reversible ratchet. Made of drop-forged alloy steel with industrial black finish.

KLE3238 **\$73.00**

Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives



Lowell® Lineman's Dual End Distribution Wrenches

- Five socket sizes in one wrench
 - Square 3/4" (oversize)
 - Square 1"
 - Square 1 1/2"
 - Hex 9/16"
 - Hex 3/4" - also turns 5/8" square nuts
- Ergonomic handle shapes make work more comfortable
- Reversing control on both ends
- Twice as strong as a standard ratcheting box wrench
- Fluorescent orange sockets make the wrenches harder to lose, easier to find
- Bolt-thru design lets bolts pass entirely through sockets and arm head so nuts can be secured on any threaded length.

	Handle Length	
LOW103TDE	12"	\$121.00
LOW101TDE	9"	\$117.00

Lowell® Transmission Wrenches Double Square Tower Wrench

- Provides flexibility for lineman dealing with multiple sized hardware
- Bolt-Thru Design
- Coated with epoxy paint for durability and easy cleaning
- Designed for utility, construction and maintenance workers
- 100% Made in USA
- Includes:



- **Socket 95820** - 1 1/8" x 1 1/4" Double Square socket, fits nuts on 5/8", 3/4" bolts
- **Socket 95823** - 1 5/16" x 1 7/16" Double square socket allows for tolerances on 1 1/4" square nuts (3/4" bolts) and 1 3/8" square nuts (7/8" bolts). Also fits 1 1/2" hex.

- Choice of Handle

	Handle Type	Handle Length	
LOW52	Cast	15"	\$278.00
LOW53	Cast	20"	\$313.00
LOW152	Stamped	17"	\$178.00



Cast Iron Handle

Lowell® Lineman's Triple Square Distribution Wrenches 3/4" • 1" • 1 1/8" Square Socket

- Ergonomic handle shapes make work more comfortable
- Reversing control in head
- Semi-enclosed ratchet mechanism
- Fluorescent orange sockets make the wrenches harder to lose, easier to find
- Bolt-thru design lets bolts pass entirely through sockets and arm head so nuts can be secured on any threaded length.
- Choice of Stamped Steel or Cast Iron handles

	Handle Type	Handle Length	
LOW101T	Stamped	8"	\$112.00
LOW150T	Stamped	10"	\$118.00
LOW50T	Cast	10"	\$182.00
LOW151T	Stamped	12"	\$120.00
LOW51T	Cast	12"	\$189.00



Stamped Handle

Lowell® Transmission Wrenches Triple Square Tower Wrench 1 1/8" • 1 5/16" • 1 1/2"

- Provides greatest flexibility for lineman dealing with multiple sized hardware
- Bolt-Thru Design
- Coated with epoxy paint for durability and easy cleaning
- Socket painted fluorescent orange for high visibility
- Designed for utility, construction and maintenance workers
- Three Square Sizes = 1-1/8", 1-5/16", 1-1/2"
- Allows for tolerances on 1 1/8" square nuts (3/4" bolts), 1 5/16" square nuts (7/8" bolts) and 1 1/2" square nuts (1" bolts). It also fits 1 1/2" hex bolts.
- Heavy Duty cast iron socket and stamped steel handles provide up to 300 lbs of torque
- Choice of handle length



	Handle Type	Handle Length	
LOW103T	Stamped	12"	\$162.00
LOW104T	Stamped	15"	\$167.00
LOW105T	Stamped	18"	\$172.00



Utility Solutions® Universal URD Wrench Penta Socket with Lifting Hook

- A multi-functional tool designed specifically for utility field personnel responsible for both electrical and water services.
- Features an ANSI pentahead as well as a standard six point 3/4" wrench incorporated on

opposite ends of the handle

- Stainless steel shaft permits the easy prying of manhole covers and is also great for removing debris from pad gear lock pockets
- Shaft end doubles as a flat head screwdriver
- Product Dimension: 12" x 5" x 2.5"

UTSUSUW001

\$78.00



Klein® Folding Hex-Key Sets • Inch

- Two key positions (straight-out or right angle) for leverage
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the socket to prevent slippage and stripping of the socket
- Handy sets fit in your pocket or tool box easily - no more lost keys

Hex-Key Sets - Inch

KLE70581	8-Key Set: 1/2, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32	\$5.50
	Key Lengths: 1 1/2 - 2 3/8" • Handle: 3 1/8"	
KLE70583	8-Key Set: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4	\$10.00
	Key Lengths: 3 3/8 - 4 3/8" • Handle: 5 1/4"	
KLE70579	5-Key Set: 3/16, 7/32, 1/4, 5/16, 3/8	\$10.00
	Key Lengths: 3 - 4 3/8" • Handle: 5 1/4"	



Craftsman® 26 pc. Standard and Metric Ball End Hex Key Set

- Includes Case
- Handles most SAE and metric fasteners easily
- Ball key design for 28 degree greater access to fasteners
- Made of tough alloy steel
- Clear markings and size specific slots
- Organized into a pair of clearly marked 13 piece packs, one for standard and one for metric sizes
- SAE Sizes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, and 3/8 inch
- Metric Sizes: 1.5, 2, 2.5, 3, 4, 4.5, 5, 5.5, 6, 7, 8, 9, and 10 mm

CRA00946274

\$36.00



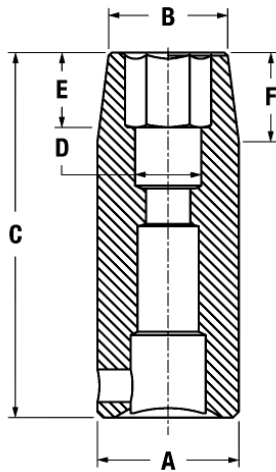
Klein® Grip-It® Hex-Key Sets

- Handy sets fit in your pocket or tool box easily - no more lost keys
- Tough, heat-treated alloy steel
- Hex-key ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket
- Holder serves as a handle
- Two key positions (straight-out or right angle) for extra leverage

KLE70573	6 Inch Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	
	6 Metric Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	
	Blue	\$9.00
KLE70574	9 Inch Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	
	Yellow	\$6.50

Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives



Craftsman® 1/2" Drive • 6-Point • Standard • Deep Impact Sockets

Made in USA

	A	B	C	D	E	F	
Size Inch	Drive End (Inches)	Wrench End (Inches)	Overall Length (Inches)	Bolt Clearance (Inches)	Wrench Depth (Inches)	Length to Shoulder (Inches)	
CRA00922379	7/16"	0.874	0.705	3.228	0.425	0.551	0.492 \$6.20
CRA00922382	1/2"	0.969	0.790	3.231	0.490	0.962	0.544 \$6.10
CRA00922384	9/16"	0.965	0.965	3.233	0.544	1.040	— \$6.10
CRA00922385	5/8"	0.967	0.967	3.255	0.615	1.122	— \$6.10
CRA00922386	11/16"	1.040	1.049	3.266	0.650	1.551	— \$6.30
CRA00922387	3/4"	1.185	1.185	3.233	0.713	1.303	— \$6.65
CRA00922388	13/16"	1.264	1.264	3.248	0.740	1.421	— \$7.00
CRA00922390	1"	1.405	1.405	3.250	0.812	1.600	— \$7.70
CRA00922445	1-1/8"	1.510	1.540	3.500	0.990	1.490	— \$16.90



Craftsman® 1/2" Drive 8-Point Dual-Mark Impact Sockets

CRA00922437	9/16"	\$15.40
CRA00922439	11/16"	\$16.75
CRA0092244	3/4"	\$18.50
CRA00922441	13/16"	\$19.50
CRA00922444	1"	\$24.60

Klein® 3-in-1 Impact Socket - Transmission

- Features three square socket sizes: 1 1/4", 1 1/8", and 1 1/2"
- 7/16" hex to 1 1/8" square quick-change adapter included.
- Fine tuned ball detent provides improved retention, minimizing drops.
- 1" diameter, 7" long hollow shaft allows use on long threaded bolts.
- 11" Length

KLENRHD2

\$187.00



Utility Solutions® Pad Mount Multi-Tool

- 10" x 6"
- All sockets 1/2" drive
- Reduces the number of tools required by an individual to access pad gear
- Supplied with the following easily interchangeable 1/2" drive sockets:
 - 3/4" Socket
 - 5 Point Pentahead Socket
 - 9/16" Deep Well Socket
 - Drag Link Socket
- The elongated lug wrench design permits the user to apply substantial torque to free stubborn fasteners, especially pentahead bolts located near ground level.
- The lug wrench body is manufactured from chrome plated cold rolled steel.

UTSUSMT001

\$165.00



Klein® 3-in-1 Impact Socket

- Features three square socket sizes: 3/4", 1" and 1 1/4"
- 7/16" hex quick-change adapter included
- Fine tuned ball detent provides improved retention, minimizing drops
- 13/16" diameter, 6" long hollow shaft allows use on long threaded bolts
- Length: 7 3/4"

KLENRHD

\$120.00

KLENRHDA Impact Socket Adapter **\$42.00**

With 7/16" hex quick-change adapter. Improved ball detent on socket adapter



Channellock® Tongue and Groove Pliers Non-Slip Grip

- PermaLock® fastener to eliminate nut and bolt failure
- Patented reinforcing edge to minimize stress breakage and right angle
- Laser heat-treated teeth to provide a better, longer lasting grip.
- High-carbon C1080 steel

	Length	Capacity	
CNL420	9½"	1½"	\$15.95
CNL430	10"	2"	\$16.95
CNL440	12"	2¼"	\$18.95
CNL460	16"	4¼"	\$32.95
CNL480	20¼"	5½"	\$60.95



Craftsman® Arc Joint Pliers

- Forged alloy steel, heat treated to ensure strength and durability for the toughest of jobs
- Set with a flush slip-joint to take on close-fitting spaces
- Plastic Dipped Handles

	Overall Length	Overall Width	Handle Length	Jaw Length	Max Jaw Opening	
CRA00945385	7½"	1 ½"	4 ½"	¾"	¾"	\$19.00
CRA00945381	10"	2 ½"	5"	¾"	1 ¾"	\$20.00
CRA00945386	13"	3"	7 ½"	1 ½"	3"	\$43.00
CRA00945384	16¾"	3 ¾"	9 ½"	2 ½"	4 ½"	\$63.00

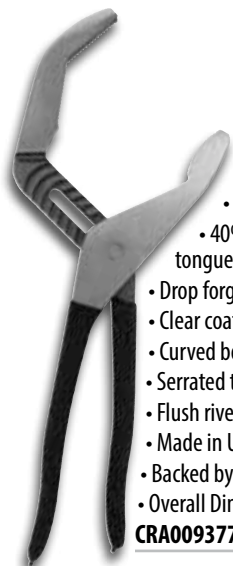


Craftsman® Wide Capacity Pliers

- 3-Points of contact for a firm grip from ½ to 4"
- 40% more gripping surface than standard straight jaw tongue and groove pliers
- Drop forged alloy steel for strength and long life, Cushion Grip.
- Clear coat finish for corrosion resistance
- Curved bottom jaw for better localized "bite" on work surface
- Serrated teeth deliver serious grip
- Flush rivet design allows access to super tight areas
- Made in U.S.A.
- Backed by the Craftsman Forever Guarantee
- Overall Dimensions: 12.5" x 4.5"

CRA00937775

\$46.00

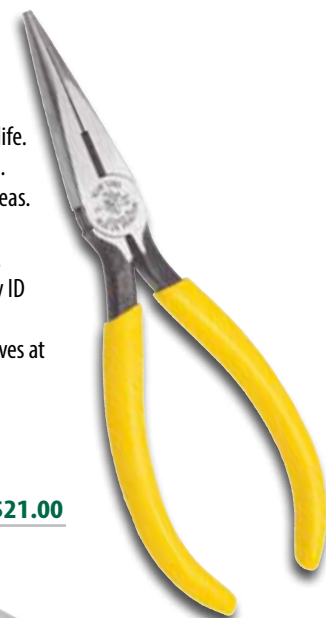


Klein Tools® Standard Long-Nose with Side Cutters

- Induction hardened cutting knives for long life.
- Knurled jaws for sure wrapping and looping.
- Slim head design for working in confined areas.
- Hot-riveted joint - no handle wobble.
- Curved handles provide greater tool control.
- Plastic-dipped handles for comfort and easy ID
- Custom, US-made tool steel
- Standard long-nose design with cutting knives at
- Point Thickness: 3/32"
- Knife Length: 1/2"
- Jaw: 11/16"W x 1 7/8" L x 3/8"D
- Overall Length: 6 5/8"

KLED2036

\$21.00



Klein® Pump Pliers

- Secure tongue and groove design for non-slip grip, even with heavy pressure
- Wide range of versatile jaw positions

	Overall Length	Max Jaw Capacity	
KLED50210	10"	1¼"	\$21.00
KLED50212	12¼"	2¾"	\$26.00



Klein® Classic Klaw™ Pump Pliers

- Push button and quick ratchet feature allows for fast and easy adjustment to any position
- Unique jaw design has multiple points of contact
- Compact, narrow design for easy work in small spaces
- Gripping surface with specially hardened teeth
- Extended grips for added comfort
- Overall Length: 9 7/8"
- Maximum Jaw Capacity: 2 1/8"
- Handle Finish : plastic-dipped

KLED50410

\$28.00



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives



Klein® Journeyman High-Leverage Side Cutting Pliers • Heavy Duty

- Cuts ACSR, screws, nails and most hardened wire.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- New England Nose Type
- 9½" length
- Jaw: 1½" L x 1¼" W x 5/8" D
- Knife Length 25/32"
- Journeyman Handle Finish
- Induction hardened cutting knives for long life.
- Hot-riveted joint for no handle wobble
- Sure-gripping, cross-hatched knurled jaws.
- Unique handle tempering helps absorb the "snap" when cutting wire.
- Precision-hardened pliers
- Custom, US-made tool steel
- State-of-the-art, dual-material Journeyman handles provide a better grip without sacrificing tool strength and durability.
- Hard, black material for durability.
- Soft material on handle for comfort & grip
- Color-coded handles allow quick identification

KLEJ20009NE

\$45.00

Klein® 9" High-Leverage Side-Cutting Pliers • Heavy-Duty

- Cuts ACSR, screws, nails and most hardened wire.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Induction hardened cutting knives for long life.
- Hot-riveted joint
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Unique handle tempering helps absorb the "snap" when cutting wire.
- Precision-hardened plier head for on-the-job toughness.
- Custom, US-made tool steel.
- Heavy-duty plastic-dipped handles for comfort and ease of identification.
- "Handform" handles for full gripping and cutting power.
- Handle Finish: heavy-duty, oversized, plastic-dipped
- Knife Length: 25/32"
- Nose Type: New England
- Jaw: 1½" L x 1¼" W x 5/8" D
- Overall Length: 9½"

KLEHD20009NE

\$41.00



Klein® 9" High-Leverage Side-Cutting Pliers Lineman's Bolt-Thread Holding

- Hinge opening holds and cleans 5/8" (16 mm) pole line and hardware bolts or threaded rods
- Cuts ACSR, screws, nails, and most hardened wire
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs
- Induction hardened cutting knives for long life.
- Hot-riveted joint for no handle wobble
- Streamlined design with rounded nose and sure-gripping, cross-hatched knurled jaw
- Unique handle tempering helps absorb the "snap" when cutting wire
- Precision-hardened plier head for toughness
- Plastic-dipped handles for comfort and ease of identification.
- "Handform" handles for gripping and cutting power
- Custom, US-made tool steel.
- Jaw: 1½" L x 1¼" W x 5/8" D
- Nose Type: New England
- Handle Finish: plastic-dipped
- Overall Length: 9½"

KLED20009NETH

\$43.00

Klein® 9" High-Leverage Side-Cutting Pliers • Connector Crimping

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals.
- Cuts ACSR, screws, nails, and most hardened wire.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power
- Induction hardened cutting knives for long life.
- Hot-riveted joint for no handle wobble
- Streamlined design with sure-gripping, cross-hatched knurled jaws
- Unique handle tempering helps absorb the "snap" when cutting wire
- Precision-hardened plier head for toughness
- Plastic-dipped handles for comfort and ease of identification
- "Handform" handles for gripping and cutting power
- Custom, US-made tool steel
- Knife Length: 25/32"
- Jaw: 1½" L x 1¼" W x 5/8" D
- Nose Type: New England
- Overall Length: 9½"

KLEHD20009NECR

\$46.00



Klein® High-Leverage NE-Type Side Cutters

- Our most popular side cutting pliers
- Smooth, streamlined nose with knurled jaws
- High-leverage design provides 47% greater cutting and gripping power than regular 8½" and 9¼" side cutters.
- Blue plastic-dipped handles.
- Length: 9 ¾"
- New England Nose Type
- Jaw: 1 19/32" L x 1 ¼" W x 5/8" D

KLED2139NE

\$30.00

Klein® 9" High-Leverage Side-Cutting Pliers

Lineman's Bolt-Thread Holding

- Hinge opening holds and cleans 5/8" pole line and hardware bolts or threaded rods.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Induction hardened cutting knives for long life.
- Hot-riveted joint - no handle wobble.
- Streamlined design with rounded nose and sure-gripping, cross-hatched knurled jaw.
 - Unique handle tempering helps absorb the "snap" when cutting wire.
 - Precision-hardened plier head for toughness.
 - Plastic-dipped handles for comfort and easy ID
- "Handform" handles for gripping and cutting power
- Custom, US-made tool steel"
- Knife Length: 25/32"
- Jaw Measures: 1 ¼" W x 1 19/32" L x 5/8" D
- Nose Type: New England
- Overall Length: 9 ¾"

KLED2139NETH

\$35.00

Klein® High-Leverage Diagonal Cutters

- High-leverage design provides a 36% greater mechanical cutting and gripping advantage than regular 7" and 8" heavy-duty diagonal cutters
- Standard-bevel cutting knives
- Red plastic-dipped handles.

KLED2288 8" Plastic Dipped Handles **\$24.00**

2000 Series • Heavy Duty Cutting Knives

- Cuts ACSR bolts, nails and most hardened wire
- Blue plastic-dipped handles.

KLED200028 8" Heavy Duty **\$29.00**

Klein® High-Leverage Cable Cutter

- High-leverage design for exceptional cutting capability.
- Precision, one-hand shearing action.
- Cable-gripping shear-type jaws.
- Perfect for working in confined spaces.
- Can be carried in most tool pouches.
- Beveled jaw tips provide proper mating and shearing action, which protects leading jaw edges.
- Through-hardened (not case-hardened) for longer-lasting cutting surfaces
- Hot-riveted joint ensures smooth action and no handle wobble
- Custom, US-made tool steel.
- Overall Length: 9 ½"
- Maximum Cable Cutting Capacity: 4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications cable

KLE63050

\$28.00

Klein® Journeyman High-Leverage Cable Cutter

- Cuts up to 4/0 aluminum AWG (no ACSR), 2/0 AWG soft copper and 100-pair 24 AWG communications cable.
- High-leverage design for exceptional cutting capability
- Precision, one-hand shearing action.
- Cable-gripping shear-type jaws.
- Perfect for working in confined spaces.
- Can be carried in most tools pouches.
- State-of-the-art, dual material Journeyman handles provide a better grip without sacrificing tool strength or durability.
- Overall Length: 9 ¾"
- Maximum Cable Cutting Capacity: 4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications cable
- Handle Finish: Journeyman dual-material handle

KLEJ63050

\$35.00



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives

Klein® 25" Standard Cable Cutter

With Protective Rubber Sleeves

- Lightweight, yet efficient shear-type cable cutters.
- Replaceable hook-jaw blades grab and hold cable while shear-cutting action makes clean cuts.
- Exceptionally strong fiberglass handles with heavy vinyl grips for comfort and slip resistance.
- Heavy-duty pins in head serve as blade-stops.
- Jaws are forged tool steel with black-oxide finish for long life.
- Beveled tips assure positive mating, and hinge on a rugged bolt with a pin-set nut to maintain proper blade tension.
- Make a clean, even cut for ease in fitting lugs and terminals.
- Not designed for cutting steel or ACSR.
- Includes rubber sleeves (Cat. No. 63041TH)
- MCM Cable-Cutting Maximum Capacity: 500 Copper, 750 Aluminum
- Soft Cable-Cutting Maximum Capacity: 1 $\frac{3}{8}$ " diameter
- Overall Length: 25 $\frac{1}{2}$ "

KLE63318

\$101.00



Klein® Utility Cable Cutter

- Forged steel with black-oxide finish for long life
- Shear-type hook jaws grab and hold cable while shear-cutting action makes clean cuts.
- Beveled tips for positive mating.
- Hinge bolt with pin-set nut for proper blade tension.
- Non-slip vinyl grips
- Overall Length: 16 $\frac{3}{4}$ "
- Maximum Cable Cutting Capacity: 350 copper, 350 aluminum
- MCM Cable-Cutting Maximum Capacity: 350 Copper, 350 Aluminum

KLE63035

\$75.00



Klein® Open Jaw Cable Cutter

- High-leverage ratchet mechanism for single-handed cutting of up to 600 MCM copper and 750 MCM aluminum without burrs or sharp edges
- Front loading jaws for tight applications
- Spring release lever allows for fast jaw reset in between cuts
- Plastic covered handles with hand guards for comfort and firm grip
- One-year warranty
- Communications Cable-Cutting Maximum Capacity: 11 $\frac{1}{8}$ "
- Overall Length: 11.5"
- Maximum Cable Cutting Capacity: 600 MCM Copper, 750 MCM Aluminium

KLE63711

\$239.00



Klein® Crimping/Cutting Tool Non-Insulated/Insulated Connectors

- Accommodates wire from No. 10 to 22 AWG.
- Specially hardened wire cutter in nose.
- Tapered nose design for working in confined spaces.
- Crimping die marked for insulated and non-insulated solderless terminals and connectors.
- Plastic-dipped, cushioned handles for comfort
- Crimps: 10-22 AWG
- Overall Length: 9 $\frac{3}{4}$ "

KLE1005

\$28.00

Klein® Crimping/Cutting Tool Non-Insulated Terminals

- Designed for crimping non-insulated solderless terminals and connectors.
- Specially hardened wire cutter in nose.
- Tapered nose for working in confined spaces.
- Plastic-dipped cushioned handles for comfort.
- Crimps: 10-22 AWG
- Overall Length: 9 $\frac{3}{4}$ "

KLE1006

\$29.00

Klein® Ratcheting Cable Cutters

- High leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges
- Patented two-step ratchet mechanism requires fewer strokes per cut
- Quick release lever opens blades easily in every cutting position (allows removal of the cable before completion of cut)
- Precision ratcheting mechanism holds cable tight and allows rapid, straight cuts with minimum effort
 - Hardened steel cutting blades for lasting strength and sharpness
 - Plastic covered handles with hand guards for comfort and firm grip
 - Locking lever keeps handles closed for easy transport, fits in a toolbox or bag
 - One-year warranty



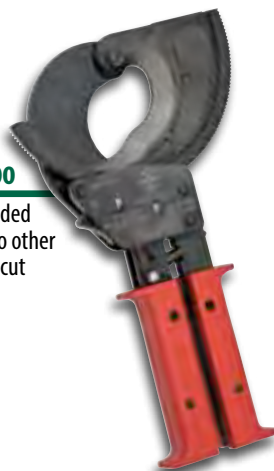
KLE63060 **\$230.00**

• MCM Maximum Cable Capacity:

- Copper 400 MCM
- Aluminum 600 MCM
- Communication Cable 1½"
- Overall Length: 10¼"

KLE63601 **\$400.00**

- Compact 10½" design allows for one-handed use of the ratcheting cutter mechanism so other hand can position cable to ensure proper cut
- Overall Length: 10½"
- **MCM Maximum Cable Capacity:**
 - Copper 600 MCM
 - Aluminum 1,000 MCM
 - Communication Cable 2½"



KLE63750 **\$335.00**

- Overall Length: 12 ½"
- **MCM Maximum Cable Capacity:**
 - Copper 1,000 MCM • Frequent Use: 750 MCM
 - Aluminum 1,000 MCM • Frequent Use: 750 MCM
 - Communication Cable 2 ½"

Klein® ACSR Ratcheting Cable Cutter

- Cleanly cuts 336 MCM Linnet ACSR and 2/0 triplex steel messenger cable.
- High-Leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges.
- Patented two-step ratchet mechanism requires fewer strokes per cut.
- Quick release lever opens blades easily in every cutting position. (Allows removal of the cable before completion of cut).
- Precision ratcheting mechanism holds cable tight and allows rapid, straight cuts with minimum effort.
- Hardened steel cutting blades for lasting strength and sharpness. Plastic covered handles with hand guards for comfort and firm grip.
- Locking lever keeps handles closed for easy transport; fits in a toolbox or bag.
- Overall Length: 10 ¼"
- Capacity:
 - 336 MCM ACSR
 - 600 MCM CU-AL Stranded
 - 400 MCM diameter CU Solid



KLE63607 **\$288.00**

Klein® Ratcheting Cutter Heavy-Duty

- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use.
- Cuts steel and ACSR.
- Forged, heat-treated, shear-type blades, plus a 24" long steel handles with heavy vinyl grips for comfort and slip-resistance.
- Blade-advance knob for fast rotation of the blade to engage the cable or other material being cut, plus a quick-release mechanism allows for removal of the cable or rod before completion of the cut, if desired.
- Not designed for cutting EHS Guy Strand or reinforcement rod.
- Overall Length: 36"

Communications Cable-Cutting Maximum Capacities:

- 1 ¼" dia. ACSR, ACAR
- 7/16" dia. common guy strand
- 5/8" dia. steel wire rope
- 1/2" dia. steel rod (C.R.S. SOFT)
- 750 MCM (1 ¾" dia.) copper or aluminum
- Soft Cable-Cutting: 2 ¼" diameter

KLE63700 **\$796.00**



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives

Klein® Bolt Cutters with Steel Handles



- Strong, lightweight, general-purpose bolt cutters in six sizes up to 42".
- Heavy vinyl grips for comfort and slip resistance
- All-purpose, center-cut jaws for soft, medium and hard metals.
- Drop-forged, alloy tool steel jaws are precision ground for sure, efficient cutting and long life.
- Lockplate reinforcement prevents jaw bolts from loosening or turning, keeps jaws in correct alignment.
- One adjustment realigns cutting edges.
- 3-point toggle joint multiplies 50 pounds of hand pressure on handles to 4,000 pounds at cutting jaws.

	Overall Length	Approx. Weight	
KLE63314	14"	3 lbs	\$98.00
KLE63318	18"	3½ lbs	\$102.00
KLE63324	24"	3¾ lbs	\$126.00
KLE63330	30"	10¼ lbs	\$140.00
KLE63336	36"	14¼ lbs	\$177.00
KLE63342	42"	19¼ lbs	\$243.00



Klein® Bolt Cutters Heavy Duty

- Designed for constant use in the most demanding applications.
- Heavy-duty side plates keep jaws aligned for clean, quick cuts through reinforcing rod, wire mesh, guy strand and many other materials too tough for standard bolt cutters.
- Steel handles and precision ground, forged alloy tool steel jaws.
- Lever design creates 4,000 lbs. jaw pressure with 50 lbs. hand pressure.
- Handles have heavy vinyl grips with flat grip ends for 90° cuts.
- Cutting capacities for hard materials is up to Brinell 400, Rockwell C42.
- Cutting capacities for soft materials is up to Brinell 300, Rockwell C31.



KLE63524 **\$184.00**

- Soft & Medium Cutting:
Max. Capacities: 7/16"
- Overall Length: 24"
- Hard Material Cutting Max.
Capacities: 5/16"
- Weight: 7.10 lbs

KLE63530 **\$209.00**

- Overall Length: 30"
- Hard Material Cutting Max.
Capacities: 3/8"
- Soft & Medium Cutting Max.
Capacities: 1/2"

KLE63536 **\$249.00**

- Overall Length: 36"
- Soft & Medium Cutting Max.
Capacities: 9/16"
- Hard Material Cutting Max.
Capacities: 7/16"
- Weight: 16.35 lbs

Bashlin® Ratchet Cutter • Guy Strand

Porter ratchet cutters use the combination ratchet and chain for smooth, progressive cuts. The handles are insulated and factory tested. Parts are available for field repairs.

BAS8690FH **\$660.00**

29 ½" cutter for shearing cuts on ACSR and common steel. 1 ¾" jaw opening.

BAS8690CK **\$723.00**

28" rugged, extra duty cutter for EHS guy strand. The jaws hold the wire for square, clean cuts. 7/16" jaw opening.





Stihl® BT 45 Wood Boring Drill

- Great for repairing structures where electricity is not available
- Lightweight, gasoline-powered engine
- Accepts a wide range of bit sizes
- Well-balanced drill
- Features a primer bulb and throttle lock for easier starting
- Compact, ergonomic design for easy operation
- Two-speed gearbox includes a neutral position as well as a reverse gear
- It's also great for pest control service and tree service professionals
- With an optional kit, can be used as a core drill for concrete work

STIBT45W

\$499.99



Burndy® Crimping Tools

- For sleeves, lugs and H-frame parallel groove connectors

- "W" and "X" dies clip into place over the rear D die groove

- Butting steel jaws, wood handles
- Over-center cam action to assure full crimp force (9,000lbs) for installing full-tension and non-tension connectors
- Includes permanent "BG" (5/8") & "D3" grooves.
- Installs CABLELOK CRIMPIT & HYCRIMP tap connectors with one additional die insert (W-0)
- 25 3/8" Length
- 5 Year Warranty
- Type of Dies: W,X,W-VT
- Permanent Dies Installed: W 0

BURMD6 5/8 and D Die Grooves **\$346.00**

BURMD68 0 and D Die Grooves **\$346.00**

Burndy® W Die Tree

- W Die Holder
- Provides greater flexibility and secure storage
- Holds 6 pair of W dies

BURWDIETREE

\$30.00



Milwaukee® Ship Auger Bits

- Drill through up to 2X the nails of competitive auger bits without needing resharping.
- Drill into clean or nail-embedded wood with confidence when installing Romex wire, Pex water lines, rebar, bolts, and rope in piers, playground equipment and landscaping.
- The flutes are wider for maximum chip removal, even in deep holes.
- The through-center cutting design creates a more solid striking point against nails compared to the competitions' ahead-of-center and behind-center designs.
- The longer shaft length makes it easy to drill deeper or overhead without an extension.
- Hardened, one-face 20° rake angle design enhances nail resistance, chip removal and fast, easy sharpening
- Fast chip removal: Nonstick, polished and coated flutes eliminate costly cleaning time
- Impact-rated shank: Strong enough to use with an impact wrench

	Dia	Length	Shank	
MIL48135680	11/16"	18"	7/16" Hex	\$27.00
MIL48135810	13/16"	18"	7/16" Hex	\$40.00
MIL48135930	15/16"	18"	7/16" Hex	\$34.00



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives



Klein® Double-Weave, Flexible-Eye Pulling Grips Medium Duty

	Loaded/Compressed Mesh Length	Maximum Safe Load	
KLEKPM050	13"	480 lbs	\$65.00
KLEKPM075	16"	1060 lbs	\$76.00
KLEKPM100	18"	1420 lbs	\$80.00



Klein® Chicago® Grip for Bare ACSR, Aluminum and Stranded-Copper Cables

- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR, aluminum, and stranded-copper cables
- Smooth jaws grip with maximum contact and are less likely to damage conductors

No Latch Part Number	Min-Max. Cable Dia.	Jaw Length	With Hot Latch Part Number
4,500 lbs Maximum Safe Load			
KLE165620 \$128.00	.2-.4"	4"	KLE165620H \$150.00
KLE165630 \$148.00	.31-.53"	4¾"	KLE165630H \$170.00
8,000 lbs Maximum Safe Load			
KLE165640 \$261.00	.53-.74"	5½"	KLE165640H \$290.00
KLE165650 \$277.00	.74-.86"	5½"	KLE165650H \$308.00
KLE165660 \$286.00	.86-.96"	5½"	KLE165660H \$308.00



Klein® Chicago® Grip for Weatherproof Wire

- Round inside jaw contour for weatherproof coated wire
- Notches in jaw provide firm grip on insulation

NOTE: Selection of proper grips is determined by outside cable diameter

	Min-Max. Cable Dia.	Jaw Length	
4,500 lbs Maximum Safe Load			
KLE161120	.2-.4"	4¾"	\$125.00
KLE161130	.31-.53"	4¾"	\$147.00
8,000 lbs Maximum Safe Load			
KLE161140	.53-.74"	5½"	\$252.00
KLE161150	.74-.86"	5½"	\$268.00



Klein® Parallel Jaw Grips

- Round jaw
- Hot latch closes automatically to guard against grip accidentally disengaging from wire.
- Large eyelet opening in the handle to accommodate a wide variety of hooks on hoists, winches and tackle blocks.

	Jaw Length	Min. Cable Size	Max. Cable Size	Max. Safe Load (lbs)	
KLEKT4500	3"	.180"	.600"	5,000	\$145.95
KLEKT4600	5"	.300"	.800"	10,000	\$213.95
KLEKT4800	5½"	.700"	1.25"	12,000	\$349.95

Klein® Chicago® Grip for Bare Wire

- Lightweight, cost-effective grip.
- Designed for working with solid and stranded bare wire from .08" (2 mm) to .20" (5.1 mm)
- Single "V" groove jaw
- Maximum Safe Load - lbs: 1500 lbs. (680 kg)
- Minimum Cable: 12 B&S solid .08"
- Maximum Cable: 4 B&S solid .20"
- Jaw Length: 3" (76 mm)

KLE161330

\$90.00

Klein® Chicago® Grip

for Extra-High-Strength Cables, Messenger, Guy Strand

- Designed for cable sizes from .12" (3.10 mm) to 1.0" (25.4 mm)
- Double "V" grooves give four-point contact, reducing chance of slipping and providing proper alignment of wire and cable.
- For larger conductors, see our grips with round inside-jaw contour.

	Min-Max. Cable Dia.	Jaw Length	
4,500 lbs Maximum Safe Load			
KLE161340	.12-.37"	4 $\frac{3}{8}$ "	\$129.95
8,000 lbs Maximum Safe Load			
KLE16845	.128-.550"	5"	\$199.00
KLE16925	.128-.550"	5"	\$192.95
15,000 lbs Maximum Safe Load			
KLE162816	.31-.62"	7 $\frac{1}{4}$ "	\$453.95
KLE162817	.50-.75"	7 $\frac{1}{4}$ "	\$505.95
KLE162818	.75-1.00"	7 $\frac{1}{4}$ "	\$506.95

Klein® Havens® Grip for Messenger and Guy Strand

- Designed for use when light, compact grip is desired and where conductor damage is not a factor.
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area

	Min-Max. Cable Dia.	
2,500 lbs Maximum Safe Load		
KLE160410	.6-.25"	\$58.00
5,000 lbs Maximum Safe Load		
KLE160420	without Latch .125-.50"	\$89.00
KLE160420L	with Latch .125-.50"	\$97.00

Klein® Havens® Grip for Wire Rope

- Designed for use when light, compact grip is desired and where conductor damage is not a factor.
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area.
- Has a swing latch to help hold cable in the jaw.

	Min-Max. Cable Dia	
8,000 lbs Maximum Safe Load		
KLE162520	.28-.75"	\$115.95
KLE1625207/8	.38-.88	\$133.95
KLE1625201	.50-1.00"	\$150.95



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives

Ripley® Adjustable End Stripper ws 5A



- Adjustable strip stop with rotary mechanism - eliminates the need for hex wrench
- Adjustment window allows easy setting of stop for precise strip lengths
- Strip lengths from 0.625 in up to 2.5 in maximum
- For 600 volt to 35 KV cables
- 0.260 to 1.265 in Cable O.D.
- Strips XLPE, polyethylene, and EPR* insulation up to 400 mils thick
- Precision stripping of insulation only or with semicon over insulation
- Ideal for primary URD cable
- Guarded cutting blade prevents injury
- Replacement Blade: CB 7-2
- Length: 3.9 in

RIP12900 **\$267.00**

We need the O.D over the insulation for TRXLPE/ XLPE insulated cables and the O.D over the insulation screen/semi-con for EPR insulated cables to recommend bushings.

Ripley® End Stripper ws 6

- For 15 to 46 KV cables
- .960 to 1.900in cable O.D.
- Strips XLPE, polyethylene and EPR insulation
- Precision stripping with NO conductor damage
- Guarded cutting blade prevents injury
- Rotating stop bar permits accurate preset stripping lengths of up to 2 7/16". Bar removable for infinite stripping
- Bushing insert fits over cable and presets cutting blade depth
- Bushings can be changed quickly
- Length: 3.9 in

RIP37415 **\$225.00**



We need the O.D over the insulation for TRXLPE/ XLPE insulated cables and the O.D over the insulation screen/semi-con for EPR insulated cables to recommend bushings.



Ripley® Power Driven End Stripper

- Ergonomic end stripping tools for 600 volt secondary cable —designed for use with a low or variable speed power drill
- Tools designed to reduce working time and effort on repetitive stripping functions
- New adjustable strip stop with adjustment window allows easy setup for precise strip lengths from 0.625 in (15.9 mm) to 2.5 in (63.6 mm)
- Uses standard 2x2 and 4x4 bushings: From #6 AWG to 500 MCM (concentric, compressed, or compacted)

RIP379551 Snap Kit **\$302.00**

Kit Includes: WS68 Snap, bushings for #2, 1/0, 4/0, 350mcm and 500 mcm and a Zipper Canvas Bag

RIP37955 Snap Only **\$256.00**

Speed Systems® Cable Prep Kit - Steel Case

Includes:

- 1542-2CL Stripper with 1646X Scale Gauge
- 1700SS Semi-Con Scorer
- SC-11 Edge Wedge
- SC-13 Roller Grip
- CPK-12 Steel Case

SPSCPK2 **\$627.00**



Speed Systems® Cable Prep Kit - Canvas Bag

- 1542-2CL Stripper with 1646X Scale Gauge
- CT-1 Chamfer Tool
- 1700SS Semi-Con Scorer
- LPW1525/TK120X-N Combo Probe Tool
- SC-11 Edge Wedge
- SC-13 Roller Grip
- CPK-14 Canvas Bag

SPSCPK4 **\$960.00**



Ripley® Banana Peeler®

Adjustable Blade Semi-con Scoring Tool

- Adjustable blade semi-con scoring tool
- Scoring depth from 1 to 90 mils (.025 to 2.286mm)
- For "strippable" semi-con URD cable shield
- One hand scoring of circumference and length
- Spring-loaded blade assembly assures consistent scoring depth
- Teflon coated cable guide
- Unique cartridge adapts to out-of-round cables
- Semi-con is cleanly removed with no damage to underlying insulation
- Convertible to a fixed setting
- Length: 9.32 in



Cable Range

RIP34244	.75-1.10"	\$250.00
RIP34245	1.25 - 1.75"	\$264.00
RIP34230	Replacement Blade	\$37.00

Ripley® Adjustable Cable Stripper

- Universal tool for end stripping or mid span stripping of outer jackets or insulating material
- End stripping and mid span stripping with different blades (interchangeable)
- Dual position jaw for cable sizes from 1/2" up to 2-1/2" cable O.D. is versatile for electric utility applications
- Removes outer jacket on primary power cable (all major insulation shields)
- When using mid span blade stripping version, caution must be used when end stripping concentric neutral cables
- Versatile design also includes ability to strip secondary and primary insulations
- Quickly and easily adjusts to cable size with spring loaded 'trigger-action' jaw
- Micro adjustable blade allows accurate setup for a variety of insulation thicknesses
- Self feeding tool design allows easy and efficient operation with minimal effort
- Compact design for tighter work space requirements
- Rugged, all metal body design



RIP37296 End Stripping Only \$424.00

- Outer Jackets up to 2.5" OD
- Insulation to 1.5"OD, up to 35 kV - 345 mils max thickness
- Installed Blade: CB50K

RIP37297 Mid Span \$424.00

- Outer Jackets up to 2.5" OD
- 175 mils max insulation thickness
- Installed Blade: CB236

RIP37295 End & Mid Stripping \$504.00

- Outer Jackets up to 2.5" OD
- Insulation to 1.5"OD, up to 35 kV - 345 mils max thickness
- Installed Blade: CB50K plus
- Included Blade: CB236

RIP37174 Mid Span \$439.00

- Installed Blade: CB260

REPLACEMENT BLADES

RIP37284	Blade: CB50K	\$98.00
RIP37299	Blade: CB236	\$98.00



Ripley® Quick Clamp QC1

- Quick action cable clamp for use as a stop for jacket stripping operations
- Spring loaded jaws and unique release button allows fast adjustment and tightening onto cables
- For cable sizes from 0.50" to 2.5" O.D.
- Rugged, bronze casting design
- Length: 7 in

RIP37470 \$231.00

Ripley® URD Insulation Chamfer Tools

- For .650 to 1.875 in. cable O.D.
- Chamfers 15 to 35 KV cable
- Creates a 45° bevel, approximately .125" long
- For XLPE insulations
- Perfect for premolded splices, elbows and terminators
- Complete operation takes 10 seconds or less
- Adjusts easily to fit different cable insulations
- Blades are recessed to prevent injury and blade damage
- Made in the U.S.A.
- Replacement blade: CB 163 (Part No.: 34766)



	Cable OD Range (Over Insulation)	Tool Dia	Tool Wt	
RIP34760	.65-1.26"	3½"	10 oz	\$204.00
RIP34825	1.25-1.875"	4¾"	12.5 oz	\$209.00

Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives

Ripley® 4x4 Plus® Cable End Strippers



- For 600 volt secondary cable
- Cutting heads for #6 AWG to 500 kcmil conductors (concentric, compressed or compacted)
- Strips 45 mil to 110 mil secondary insulations
- Choice of square cut or chamfer cut blades
- Strips quickly, even in cold climates
- Guarded cutting blades ensure safety
- Precise stripping with no conductor damage
- Bushings change easily with hex wrench
- Extensions available to strip additional 1.5"
- Made in the U.S.A.
- 4 x 4: Length w/ bushings: 4.5 x 5"
- 2 x 2: Length w/ bushings: 5.75"

RIP36001H 4x4 With 4 bushings* **\$159.00**

RIP36101H 2x2 With 2 Bushings* **\$71.00**

*We need the O.D over the insulation for TRXLPE/ XLPE insulated cables and the O.D over the insulation screen/semi-con for EPR insulated cables to recommend bushings. Square and Chamfer Bushings available.

Ripley® Adjustable URD Jacket Stripper - ws 61



- For stripping encapsulated jackets of #2 AWG to 1000 MCM URD cables
- Blade adjustment feature for precise positioning
- Designed specifically for removal of tough polyethylene encapsulated jackets
- Can also be used as an adjustable end stripper
- Two handles permit safe, easy operation
- Prevents damage to underlying concentric conductors
- Replacement blade: CB 155K
- Length: 14.35 in

RIP34720 **\$422.00**

RIP34733 Replacement Blade **\$142.00**

Utility Solutions® Strip-N-Coil

- Permits easy cutting of the outer insulation on underground cables
- Quickly twist the concentric neutrals into a tight compact bundle for cutting
- Can also be used to install or remove bushing inserts
- Designed to cut underground cable from #2 through 750 MCM
- Requires an electric drill or a ratchet fitted with a 7/16" socket
- Dimensions: 1.75" Dia x 7.5"

UTSUSCS001 **\$79.00**



Speed Systems® Adjustable Blade Scorer

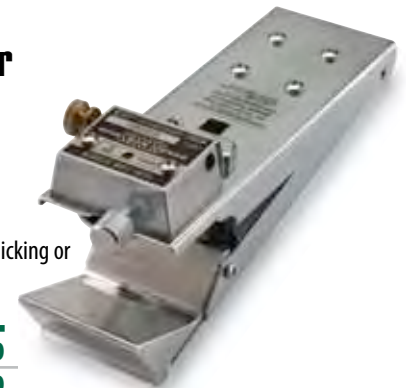
With square/spiral cut - dial locking set screw

- Adjustable blade depth for scoring (scribing) the semi-conductive shield of high-voltage cable so the semi-con can be removed without nicking or damaging the cable insulation

Cable O.D.

SPS1700SS 1/2" to 2" **\$219.00**

SPS1800SS 1-3/4" to 3" **\$255.00**



Speed Systems® Chamfer Tools

- Cuts a 45° bevel on cable insulation
- For use on .175" to .345" insulation (15kV thru 35kV)
- Prepares edge of cable insulation for pre-molded termination
- Adjustable - no adapters or bushings required

Cable O.D.

SPSCT1 1/2" - 1-3/8" **\$134.00**

SPS2672 Replacement Blade for CT1 **\$39.00**

SPSCT2 1-1/4" - 2-3/4" **\$153.00**

SPS2672 Replacement Blade for CT2 **\$39.00**



Speed Systems® Adjustable Secondary Stripper

- No bushings required to adjust the tool to varying cable diameters and insulation thickness
- End strips 600V insulation (45 mil to 110 mil thickness)
- Unlimited stripback length
- #4 thru 1000 MCM
- Cable O.D. .31" - 1.375"

SPS2750 **\$173.00**

SPS2781 Replacement Blade **\$15.00**



Speed Systems® Insulation Stripper

- Removes PE, XLP, EPR and other types of insulation from high voltage power cable
- Precise blade depth adjustment
- Maximizes reliability of installation
- Provides greater speed and increased safety
- No bushings required
- Tool comes with Wedge Blade Installed, Straight Blade included

SPS15422CL Cable O.D. 1/2" - 1-3/4" **\$283.00**

SPS1562 Wedge Blade XLP **\$26.00**

SPS1581 Straight Blade EPR **\$25.00**





Ripley® Load Break Elbow Probe Insertion Tool - PIT1T

- With 125 in-lb torque delivery system**
- For 15 to 34.5 KV elbow - small interface
 - For quick and easy insertion of the probe inside the elbow
 - Prevents load break probe contamination
 - Prevents load break probe breakage
 - Reduces cross threading
 - Provides the proper tightening forces as recommended by the elbow manufacturers
 - Multiple drive system:
 - Delivers 125 in-lb torque
 - Adjustable (Full "T" Handle or Moment arm for tight locations) and removable "T" handle
 - 1" steel drive and adjustable wrench
 - 3/8" square drive socket
 - Standard 'Penta' Head
 - Load Break Probe quickly removed by simply reversing the tightening action
 - Available for all load break elbows
 - Made in the U.S.A.
 - Length: 9.375"
 - U.S. Patent No.: 5,605,082

RIP35150 \$255.00

Speed Systems® Loadbreak Torquing Tool

- Provides an effective and reliable means of installation and removal of bushing inserts
- Preset torque limiter takes guesswork out of bushing installation
- Can be used for bushing removal
- Fits all loadbreak bushing inserts
- Bushing Insert with Tor-Key

SPSBIT/TK120XQ \$202.00



Speed Systems® Probe Wrench with Neutral Winder

- Combines the torque limiting features of the TK120 Tor-Key and LPW1525 Loadbreak Probe Wrench with an added V-Groove and cross hole in the handle providing neutral winding capability used in removal of the outer jacket.
- The Tor-Key has a preset torque of 120 in. lbs. and rotated until the Tor-Key "clicks", indicating that the preset torque value has been reached.
- The LPW1525 Loadbreak Probe Wrench is designed to prevent probe arc follower contamination and other damage. It holds the loadbreak probe for positioning into the threaded eye of the elbow crimp connector.
- Neutral Winder reduces neutral wire breakage while removing cable jacket
- For use on all 15kV & 25kV elbows and Elastimold 35kV elbows

SPSLPW1525/TK120XN \$148.00



Ripley® Torque Spanner Wrench TSW 4550

- For 600 amp separable connector systems
- Provides quick, easy installation of connector plugs, reducing tap plugs, reducing tap wells
- Prevents over-tightening and under-tightening
- Eliminates the need for an external torque wrench and wrench length calculations
- Long spanner prong prevents wrench slippage
- Supplies the proper torque (50 - 60 ft-lb) as recommended by the manufacturers
- Length: 14.24"

RIP35925 \$367.00



Ripley® Load Break Bushing Insertion Tool LBIT-1T

- For 200 amp Bushing Inserts with internal hexagon socket drive
- Preset torque setting of 180 in-lb (125 in-lb optional; LBIT-1T-125)
- Secures Bushing Insert for positive installation and removal
- Available with hotstick eye (LBIT-1TR)
- Multiple Drive systems:
 - Adjustable 'T' Handle
 - 1" square socket drive
 - 7/8" hexagon for wrench
- Made in the USA
- Length: 14.12 in

	Preset Torque Setting	
RIP35900	180 in-lbs	\$180.00
RIP35907	125 in-lbs	\$180.00
RIP36770	180 in-lbs with Hot Stick Ring	\$247.00

Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives

Klein® Lineman's Straight-Claw Hammer

- Heavy-duty, double-duty hammer drives lags and pulls big nails.
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw.
- Straight-grain hickory handle, lacquered.
- Head Weight: 32 oz.
- Overall Length: 15"
- Weight: 2.50 lbs

KLE83232 \$48.00

Klein® Straight-Claw Hammer Heavy Duty

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck.
- High-strength fiberglass shaft absorbs shock and keeps head tight.
- Comfortable, perforated neoprene grip bonded to handle.
- Straight-claw design for easy nail pulling in tight quarters.
- Head Weight: 20 oz.
- Overall Length: 14"

KLE80820 \$35.00

Klein® Ball-Peen Hammers

- Forged high-carbon steel head is hardened for additional durability.
- Crowned face with uniform bevel.
- Smoothly rounded peen.
- Straight-grain hickory handle is stained and lacquered to withstand weather.'

	Head Wt	Length	
KLE80316	16 oz	13½"	\$26.00
KLE80324	24 oz	15"	\$28.00
KLE80332	32 oz	15"	\$30.00

Klein® Lineman's Double-Face Hammer

- Designed for pole-line work.
- Rugged and well-balanced, with the weight to drive lag bolts.
- Forged, tempered-steel head is only 3¾" long for use in tight areas.
- Identical faces with 1¼" round-crown driving surface and beveled edges.
- Overall Length: 14"
- Head Weight: 36 oz.

KLE80936 \$41.00

Klein® Lineman's Milled-Face Hammer

- One milled face for driving staples used in pole-line work and common, unhardened nails.
- Other face is smooth for driving heavier duty hardware.
- Rugged and well-balanced, with the weight to drive lag bolts.
- Forged, tempered-steel head is only 3¾" long for use in tight areas.
- Overall Length: 14"
- Head Weight: 36 oz.

KLE80936MF \$46.00

Milled Side.
Other side is smooth

Ames® Double Faced Sledge Hammer Fiberglass Handle

- Double Faced Sledge Hammer,
- 36", Fiberglass Handle.

AME1199300 10 lbs \$34.95
AME1199600 12 lbs \$43.95
AME1199800 16 lbs \$51.95





Klein® Pole Punch

- Ergonomic handle with overstrike protection.
- Thermoplastic handle withstands harsh conditions and is resistant to oil and grease.
- Large strike plate transfers force directly into the hardware, reducing vibration.
- Chamfered tip assists centering and reduces drag
- Overall Length: 18"
- Diameter: 3/8"
- Punch Length: 12"

KLE66326

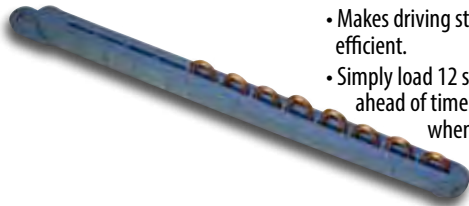
\$29.00

Klein® Electricians Scissors Stripping Notches

- Upper blade has notches for stripping 19 AWG and 23 AWG wire.
- Designed for telecom and electrical applications and heavy-duty use.
- Strong, tough tempered steel.
- Nickel-plated finish resists corrosion.
- Scraper and file on outside of both blades.
- Serrated lower blade reduces slippage
- Overall Length: 5 1/4"

KLE21007

\$16.00



Bashlin® Staple Stick

- Makes driving staples safer and more efficient.
- Simply load 12 staples into the synthetic stick ahead of time and hammer them through when needed.
 - There is no fumbling and the risk of a glove puncture is minimized.

Use with Staple Size

BASBSS2000	3/4" staples	\$30.00
BASBSS2001	1" staples	\$30.00

Buckingham® Staple Stick



- Overall dimensions are 7/8" x 3/4" x 14 1/4"
- Diameter of the hole to hang the stick is 1/2"

BUC574

\$32.00

Holds 12 staples.
Slots are 1/8"W x 3/4" L

BUC574L

\$32.00

Holds 10 staples
Slots are 1/8"W x 1" L



Klein® Cable-Splicer's Kit

- Includes:
 - Cable-splicer's knife (KLE44200)
 - Electricians scissors with stripping notches (KLE21007)
 - 2-pocket slotted leather pouch (KLE5187)
- Cuts cable, telephone wire, and strips insulation.
- Dimensions: 2 1/8" x 7 1/2"

KLE46037

\$45.00

Klein® Cable-Splicer's Knife

- Special-purpose short blade with comfortable, full-sized, heavy-duty handle.
- Coping-type blade made of the finest cutlery steel, tough and carefully tempered to hold its edge.
- Handle is textured for comfort and firm grip.
- Hang hole for easy storage and portability
- Blade Length: 1 3/4"
- Overall Length: 6 1/4"

KLE44200

\$19.00



Non-Insulated Tools

•Screwdrivers •Nut Drivers •Wrenches •Hex Sets •Sockets •Pliers •Cutters •Crimpers •Drill and Bits •Grips •Cable Prep •Hammers •Knives



Klein® 1-Blade Lightweight Lockback Knives

- Blades are AUS8 stainless hardened to 58-59 Rc.
- Premium quality blade offers superior edge holding.
- Slim & comfortable silver anodized-aluminum handle for corrosion resistance
- Reversible thumb stud provides easy one-handed opening.

Drop Point Blade	Blade Length	Length Closed	
KLE44001BLK*	2½"	3½"	\$39.00
KLE44002	2¾"	3½"	\$28.00
KLE44003	2¾"	4¼"	\$29.00

Sheepfoot Blade

KLE44004	2¾"	3½"	\$31.00
KLE44005	2¾"	4¼"	\$33.00
KLE44006*	2¾"	3½"	\$50.00

Coping Blade

KLE44007*	2½"	3½"	\$42.00
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* Includes a pocket/belt clip.

Klein® Lightweight Lockback Knife Tanto Blade

- Tanto blade is AUS 8 stainless-steel hardened to 58-59 Rc.
- Black chrome blade and black anodized-aluminum handle for corrosion resistance.
- Premium quality blade offers superior edge holding.
- Reversible thumb stud provides easy, one-handed opening.
- Blade Length: 2¾"
- Length Closed: 3⅝"

KLE44052BLK \$42.00

Klein® Pocket Knife • Coping Blade

- Coping-type blade 2¼" long
- Carbon steel
- Compact and lightweight.
- Ideal for skinning small wire and cable
- Length Closed: 3¼"

KLE15505	Carbon Steel Blade	\$18.00
KLE155045	Stainless Steel Blade	\$19.00



Klein® Pocket Knife • Slitting Blade

- Large, stainless-steel, curved sheepfoot slitting blade 2½" long
- Ideal for heavy-duty line work
- Plastic handle
- Blade locks open
- Blade Length: 2½"
- Length Closed: 4⅜"

KLE155024 \$21.00



Klein® Pocket Knife Sheepfoot Slitting Blade

- Extra-large curved sheepfoot slitting-blade 2⅝" long
- Ideal for heavy-duty line work
- Woodgrain plastic handle
- Blade locks open
- Length Closed: 4"

KLE15504	Carbon Steel	\$23.00
KLE155044	Stainless Steel	\$25.00





Klein® 2-Blade Pocket Knife Carbon Steel Sheepfoot and Screwdriver-Tip Blades

- Curved sheepfoot slitting blade - 2 $\frac{3}{8}$ "
- Screwdriver-tip blade - 2 $\frac{1}{2}$ " long
- Screwdriver blade locks open
- Length Closed 3 $\frac{3}{4}$ "

KLE15507 \$25.00



Klein® Cable/Linemans Skinning Knife

- 3" steel blade withstands frequent scoring and slitting of cable jacket
- Blade and ring are securely molded in handle
- All three have a notch on blade back for scraping or removing wire insulation
- Comfortable textured handle with finger grooves and guard
- Length without Ring: 8"

KLE15703 Hook blade, ring \$18.00

KLE15703LR Hook blade \$18.00



Estex® Skinning Knife with Sheath

- Hardened steel utility knife features a straight blade and a rubberized molded handle
- Ideally suited for use by Telecommunications and Electrical Technicians
- 2" W X 8" H
- Comes with a Leather Knife Pouch:
 - Slotted Sheath fits a 2-inch Belt
 - Made of Top Grade Leather

EST5401 \$24.00



Estex® Skinning Knife Fixed Blade

- Red Plastic Handle W/Ring
- Fixed Hawk-bill Blade w/Carry-Ring
- 1.15" dia. x 9" Long
- Provides a very good tight grip and comfortable feeling for the user
- Blade is especially designed for cutting and splicing Power Utility Wire and Cable
- Hardened steel blade with a heavier wider back and a ground beveled blade for long lasting sharpness

EST5414 \$26.00

Buckingham® Skinning Knife

- 9" Length
- 1 $\frac{1}{4}$ " diameter yellow handle
- Accessory ring

BUC7086 \$17.00

BUC70863 Notched Blade \$19.00



Buckingham® Skinning Knife with Ergonomic Handle

- Ergonomic shaped rubber grip for secure grip even in wet conditions
- 9" Length

BUC70901 No Accessory Ring \$20.00

BUC7090 Accessory Ring \$21.00

BUC70903 Notched Blade \$23.00



Buckingham® Skinning Knife

- 9" Length
- 1 $\frac{1}{4}$ " diameter red handle
- Accessory ring

BUC7089 \$17.00

BUC70893 Notched Blade \$19.00



Buckingham® Skinning Knife with ErgoBlade

- 1 $\frac{1}{4}$ " diameter rubber handle
- Round handle allows the user to create the proper cutting angle by rotating the knife within the hand instead of constantly, and repetitively, turning the wrist
- 5 $\frac{3}{4}$ " long handle extends beyond the palm of the hand reducing the force needed to secure the knife while skinning cable
- Textured rubber handle increases grip while working in inclement weather

BUC7091 Black Handle \$23.00

BUC7091G Hi-Vis Green Handle \$22.00



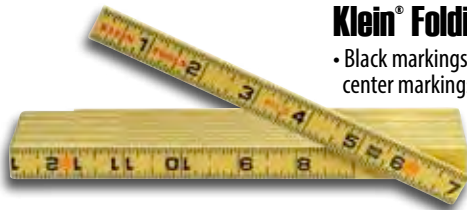
Measuring & Testing

•Tapes, Wheels & Poles •Levels •Transits •Digital Measuring •Multimeters •Clamp Meters •Tension Meters •Dynamometers •Voltage Testers •Radios

Klein® Folding Rule

- Black markings on yellow, with red stud center markings every 16 inches.
 - Marked on both sides and both edges, graduated to 1/16th inch.
 - Tough nylon, reinforced with glass fibers for added durability, and resistance to weather, abrasion, and most chemicals.
- Positive locking joints and stainless steel spring hinges for added strength.

KLE9116	Outside Reading	\$18.95
KLE9106	Inside Reading	\$18.95



SmartTool™ Levels

Electronic level reads in degrees, percent slope and pitch.

The M-D Building Products SmartTool™ 24" and 48" levels contain the SmartTool™ Builder's Angle Sensor inclinometer module permanently mounted into a durable aluminum frame. Includes an indestructible horizontal spirit bubble vial and a plumb spirit bubble vial. Durable plastic endcaps protect the level when dropped.

MDB92296	48" Smartlevel	\$165.95
MDB92288	24" Smartlevel	\$155.95

Builder's Angle Sensor Module

The most flexible, most accurate digital level in the industry. Custom inclinometer. Can be used stand alone or with the optional magnetic bracket. Includes a carry case with belt clip. Its small size makes it perfect for use as a pocket sized level for quick, accurate measurement of all angles, not just level and plumb. 6" length.

MDB92346		\$125.95
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Milwaukee® 25' Magnetic Tape Measure

- Nylon Bond Blade Protection
- 5-Point Reinforced Frame
- Finger Stop for finger protection on retraction
- Dual Magnets - Prevents Roll off when Measuring Steel Studs, EMT and Threaded Rod
- Blueprint Scale - Calculates 1/4" and 1/8" Drawings
- Wire Form Belt Clip
- 2-Sided Printing
- Up to 9' Standout
- 360 Degree Hook Attachment

MIL48225125		\$24.95
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Empire® Tape Measures

EMP6926	25'	\$7.95
EMP6799	100'	\$18.95
EMP6830	300'	\$41.95



Keson® Measuring Wheel

- Heavy-duty, polycast wheel with improved, clean three-spoke design
- Easy-Read, Magnified counter
- 5-digit, easy-read, magnified counter measures 9,999 feet, 11 inches (9999.9 ft on engineers' model and 9999.9 meters on metric)
- A 3-pc. pistol grip handle
- Quick-snap cam locks.
- Handle telescopes down to a more compact 23" for ease of transport and storage.

KESRR310		\$76.95
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Jameson® Telescoping Measuring Poles

- Non-conductive fiberglass poles allow one-person measuring of height clearances and horizontal distances.
- Eye level measurement reading.
- Includes carrying bag and removable hook accessory

Round Poles

- Lightweight, portable with positive locking buttons
- Dual measuring scale - English and Metric

Rectangular Poles

- Increased stiffness and maintenance of hole alignment
- Oversized, glare-resistant reading scale

Oval Poles

- Large locking buttons for increased stability
- Large markings for easier visibility

	Retracted Length	Type	
JAMTP125M	52"	25' Round, English and Metric Measure	\$440.00
JAMTP136M	59"	36' Round, English and Metric Measure	\$690.00
JAMTP25MH	66"	25' Rectangular English Measure Only	\$295.00
JAMTP125N	58"	25" Oval, English Measure Only	\$280.00
JAMTP25HK		Replacement Hook for Measuring Pole	\$33.00





Spectra® Quick Laser Measuring Tool • 230 ft

- The first distance meter that is designed and built specifically for the tough construction environment.
- Engineered plastics, generous use of rubber over-mold and clever electronic isolation make this the most robust laser distance meter available..
- Rugged, designed to withstand drops up to 5 feet (1.5 m) – reduces downtime
- Water Resistant
- Measuring range of 230 feet (70 m) – measure in difficult to reach areas
- Accuracy of $\pm 1/16$ inch (± 1.5 mm) over the entire range – reduces errors

TRIQM75 **\$199.95**



Spectra® Precision Automatic Level

- Easy to set up and attach quickly to flat or domed head tripods.
- Double-sided endless tangent drives allow for easy targeting.
- Reliable automatic compensators ensure stability and accuracy in the line of sight, even under vibration
- A short focusing distance provides for better performance
- Stadia lines on the reticle for easy distance calculations.
- Rugged Weather resistant metal housing and rubber and plastic controls.
- Good optical quality , Bright clear view through the telescope – Easy to read in low light.
- Air damped compensator
- Built in angle circle - Use the level for turning basic angles and alignment
- Built-in sighting lines and continuous slow-motion screws
- All models include a hard-shell carrying case, plumb bob, rain hood, tool kit, and multi-language user guides as well as extendable leg tripod and 15 ft (5 m) rods in inches, tenths, or meters

24x Magnification

TRIAL24A1	Level, Tripod, Rod – Tenths	\$260.00
TRIAL24A2	Level, Tripod, Rod – Inches	\$260.00

28x Magnification

TRIAL28A1	Level, Tripod, Rod – Tenths	\$280.00
TRIAL28A2	Level, Tripod, Rod – Inches	\$280.00



Spectra® Quick Laser Measuring Tool • 650 ft

- Fast, high accuracy laser distance meter designed for indoor and outdoor use.
- Has the longest range of all the Quick Measure distance meters – up to 650 feet (200 m).
- Large backlit LCD is easy to see in all conditions.
- Rugged, designed to withstand drops up to 5 feet (1.5 m) – reduces downtime
- Water Resistant
- Measuring range up to 650 ft (200 m) – measure in difficult to reach areas
- Accuracy of $\pm 1/24$ inch (± 1.0 mm) over the entire range – reduces errors

TRIQM95 **\$319.95**

Spectra® Precision® DET-2 Construction Theodolite

Full featured digital theodolite

- Included rechargeable battery pack and charger. A backup alkaline pack holding 4 standard AA batteries is also included
- Vertical axis compensation - tilt sensor provides the highest level of accuracy and can be turned on or off as needed.
- Dual LCD with extra large characters - easy to see angle readings eliminate errors
- Back-lit LCD and telescope reticle - allows work in low light conditions
- Simple six button keypad - quick setups and simple operation - easy to learn

TRIDET2 **\$1,395.95**

TRIDE50 90° Eyepiece **\$195.95**



Spectra® Tripod

- Fits 5/8 x 11 instruments
- Telescopic Aluminum extends to 65"
- Features a Quick Clamp and a Triangle/Flat head
- Weighs 7.00 lb

TRI530127BLK **\$70.95**



Measuring & Testing

•Tapes, Wheels & Poles •Levels •Transits •Digital Measuring •Multimeters •Clamp Meters •Tension Meters •Dynamometers •Voltage Testers •Radios

Klein® Professional Series Multimeters

- Solid construction and rugged rubber booths
- Data hold feature saves measurement for later viewing
- Bar graph responds quickly to changes in measurement (MM1000)
- Max/Min/Relative reading for quick troubleshooting in the field
- Soft touch buttons
- Basic DC accuracy $\pm 0.5\%$
- 2000 count display
- Includes test leads and battery



**Manual Ranging
KLEMM100**

**Auto Ranging
KLEMM200**

**Electrician's/HVAC
KLEMM1000**

Measurement	\$24.00	\$42.00	\$79.00
AC Current	-	10A	10A
DC current	10A	10A	10A
AC Voltage	600V	600V	1000V
DC Voltage	600V	600V	1000V
Audible continuity	Yes	Yes	Yes
Resistance Range	2M Ω	40M Ω	40M Ω
Battery Test	Yes	-	-
Data hold	Yes	Yes	Yes
Diode test	Yes	Yes	Yes
Protective boot	Yes	Yes	Yes
Lead storage	Yes	Yes	Yes
Low battery indicator	Yes	Yes	Yes
Auto Power Off	-	Yes	Yes
Backlight	-	Yes	Yes
Auto Ranging	-	Yes	Yes
Temperature	-	-4~1832°F	-58~1832°F
uA Setting	-	Yes	Yes
Capacitance	-	200 μ F	4000 μ F
Range Hold	-	Yes	Yes
Frequency	-	1MHz	499.9kHz
Max/Min	-	-	Yes
Duty Cycle	-	-	Yes
Relative Reading	-	-	Yes
Optional Hanger Kit	-	-	Yes
Bar Graph	-	-	Yes

Klein® Professional Series Clamp Meters

- Large Jaw Sizes
- Worklights illuminate dark work spaces
- Data hold captures measurements in any situation
- Included Accessories: test leads, batteries, case
- CL200 Includes thermocouple



460A AC w/Temp
Measures Temperature, frequency and Capacitance
Work light stays illuminated through all selections

KLECL200

\$67.00



400A AC/DC TRMS
Measures DC Current, worklight

KLECL2000

\$150.00



1000A AC/DC TRMS
Measures capacitance, Extra wide jaw opening, Worklight in jaw area

KLECL2500

\$183.00

Measurement	KLECL200	KLECL2000	KLECL2500
AC Current	600V	1000V	1000V
DC Current	-	400A	1000A
AC Voltage	600V	750V	750V
DC Voltage	600V	1000V	1000V
Audible continuity	Yes	Yes	Yes
Resistance Range	40MΩ	40MΩ	60MΩ
Data Hold	Yes	Yes	Yes
Low Battery	Yes	Yes	Yes
Auto Power Off	Yes	Yes	Yes
Diode Test	Yes	Yes	Yes
Back Light	Yes	Yes	Yes
Work/Clamp Light	Yes	Yes	Yes
Frequency	100kHz	499.9kHz	499.9kHz
Capacitance	100μF	4000μF	6000μF
Duty Cycle	Yes	Yes	Yes
Temperature Range (F/C)	-4~1832°F	-	-
Non-Contact Voltage Test	-	Yes	Yes
Max/Min	-	Yes	Yes
μA Setting	-	Yes	Yes
Rel/Zero	-	Yes	Yes
Magnetic Mount	-	Yes	Yes
Bar Graph	-	Yes	Yes
True RMS	-	Yes	Yes
Safety Rating	CAT III 600V	CAT III 600V	CAT IV 600V
Jaw Size	1"	1.25"	1.97"
Overall Size	8.2" H x 3"W	8.875" H x W 3.375"	8.09" H x 2.56"W

Measuring & Testing

•Tapes, Wheels & Poles •Levels •Transits •Digital Measuring •Multimeters •Clamp Meters •Tension Meters •Dynamometers •Voltage Testers •Radios

Klein® 200A AC Fork Meters

- Open jaw conveniently measures 1/0 wire and AC currents up to 200A. #KLECL3200 measures 3/0 wire
- Backlit Display is readable even in dark locations
- Relative reading feature automatically calculates the difference between the live measurement and a previously stored measurement
- Included Accessories: test leads, batteries, case



200AC Fork Meter
KLECL3000



200AC Fork Meter
KLECL3200

Klein® Specialty Clamp Meters

- Unique hook-style current clamp fits into tight spaces and measures 1/0 wire
- Automatically selects voltage or current based on what is being measured. No manual switching between current and voltage required
- Bright white LED worklight illuminates any workspace
- Included Accessories: test leads, batteries, case



200AC Hook Meter
KLECL3100

Measurement	\$26.00	\$99.00	\$60.00
AC Current	200A	200A	200A
AC Voltage	750V	750V	750V
DC Voltage	1000V	1000V	1000V
Resistance	40MΩ	40MΩ	40MΩ
Capacitance	40μF	-	-
Frequency/Duty Cycle	100kHz	-	-
Diode Test	Yes	-	-
Continuity	Yes	Yes	Yes
Accepts Wire	1/0	3/0	1/0
Non-Contact Voltage	-	Yes	-
LCD Counts	4000	4000	4000
Data Hold	Yes	Yes	-
Relative Reading	Yes	-	-
Auto Power Off	Yes	Yes	Yes
Auto Range	Yes	Yes	Yes
Backlight	Yes	Yes	Yes
Worklight	-	Yes	Yes
Voltage/Current Auto Select	-	Yes	Yes
Max/Min Hold	-	-	Yes
Bar Graph	-	Yes	Yes
Magnetic Hanger	-	Yes	Yes
Low Impedance	-	Yes	-
Safety Rating	CAT III 600V	CAT IV 600V	CAT IV 600V
Jaw Size	.5"	.5"	.63"
Overall Size	7.5" H x 2.7" W	2.56" W x 7.06" H	10.25" H x 2.5" W



Dillon® Quick-Check Tension Meters The Fastest Cable Tension Meter

The Dillon Quick-Check can be placed on a cable, measure its tension, and removed in under five seconds! There are no complex lookup tables, no conversion charts. The operator can quickly select from 15 different wire sizes and types stored in Quick-Check's memory. The Check-Tensioning mode graphically displays the current and target tensions for extremely quick setting of line tension. Even the infrequent battery changes are quick.

Broad Application

Typical applications include tower and stack guy wires, pretensioned cable barriers, bridges, elevators, winch rope, overhead electric transit wires, fall arrest systems, aircraft cables and utilities.

- **Tension capacities:** 2000 lb/10 kN/1000 kg; 10,000 lb/45 kN/4500 kg
- **Wire sizes:** 3/16 inch through 1 inch
- **Accuracy:** + 3% instrument capacity (calibrated to specific wire size & type + 5% with same wire diameter as calibrated but different wire type)
- **Loading error:** Cable elongation of only 0.08 inch (2 mm)
- **Display:** Dot-graphic LCD display supports full text and 1 inch high digits.
- **Sheave range:** Rated wire size and 1/2" smaller. Multiple sheave sets may be used.
- **Suggested wire calibrations:** Calibrate each wire diameter needed with the most appropriate sheaves. If two wire types are used of the same diameter (e.g. 1/2" 1 x 7 and 1/2" 6 x 19), calibrate each type independently if accuracy is critical.
- **Environment protection:** Suitable for continued outdoor use
- **Operating range:** -4°F to 140°F (-20°C to 60°C)
- **Recalibration:** At user discretion. Commonly 24 months but should be more frequently with heavy use. Factory recalibrations conducted typically in 2-4 days.
- **Size:** 10 x 23 x 3 inch (25 x 59 x 8 cm)
- **Weight:** Approximately 11 lb (5 kg)
- **Approvals:** CE
- **Power Source:** Uses popular AA batteries and has long life between changes

Capacity & Resolution

DIL36289-0022	2,000 x 2 lbf	\$1,915.95
DIL36289.9514	10.950 x 10 lbf	\$2,020.95

Sheaves	Wire Size	Code	
DIL3630.9544	3/16-1/2"	P	\$225.95
DIL3630.9510	1/4-3/4"	S	\$225.95
DIL362930109	1/2-1"	T	\$225.95

Calibration	Number of Sizes	
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FIRST CALIBRATION IS FREE

DILCALIBRATE	2-5	\$105.95 each
DILCALIBRATE10	6-10	\$90.95 each
DILCALIBRATE15	11-15	\$75.95 each

Carrying Case

DIL36328.9517	Carrying Case for Meter	\$195.95
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Dillon® EDjunior

- The EDjunior is an extremely well-built instrument that gets straight to the point - apply a load and take a reading. Its Spartan design is a direct response to industries that have wanted a well-built instrument that could be relied upon for simple, yet critical measurements of force and weight.
- Provides peak detection as well as sustained load readings. Selectable units of measure include lbf, kgf and Newtons.
- Accuracy of 0.2% (full scale). This level of precision offers flexibility for use in a broad range of applications.
- Direct access to setup and display functions without the typical confusing menu structure.
- Made of aircraft quality aluminum, means this an easy-to-position, highly mobile instrument with exceptional strength. It offers an impressive 7:1 factor of safety at all capacities through 10,000 lb and 5:1 at 25,000 lb. Dillon's distinctive angle-body design further eliminates unnecessary weight and streamlines the unit to help prevent binding.
- Two year warranty



WLL

DILEDJR2.5K	2500 lbf	\$1275.95
DILEDJR5K	5000 lbf	\$1351.95

Dillon® 5" (127 mm) AP Dynamometers

(Accuracy +/- 0.5% of full range, 20% tare adjustment)

Standard model AP Dynamometer includes:

dynamometer, shackles and pins, maximum pointer, zero adjust for tare, molded plastic carrying case on 5" models and calibration certificate.

Capacity & Dial Divisions in lb.

DIL300060019	500 x 5	\$985.95
DIL300060027	1000 x 10	\$930.95
DIL300060035	2000 x 20	\$930.95
DIL300060043	4000 x 25	\$1,010.95
DIL300060050	5000 x 50	\$985.95
DIL300060076	8000 x 50	\$1,105.95
DIL300060084	10,000 x 100	\$1,095.95
DIL300060092	15,000 x 100	\$1,260.95
DIL300060100	20,000 x 200	\$1,230.95





Klein® Non-Contact Voltage Tester

- Non-contact detection of voltage in cables, cords, circuit breakers, lighting fixtures, switches, outlets, and wires.
- High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace.
- When voltage is detected, a high intensity, bright red LED illuminates and a warning tone sounds.
- Digitally controlled ON/OFF power button.
- Auto power-off
- Microprocessor controlled low-battery indicator and tester shutdown.
- CAT IV 1000 Volt rating provides expanded operation and protection.
- Durable polycarbonate plastic resin construction.
- Lightweight compact design with a convenient clip to fit securely in your pocket.
- Package contains insert card w/ integrated owner's manual and 2 AAA 1.5 volt batteries.
- Frequency Range: 50-500 Hz
- Voltage Range: 50-1000 Volts AC
- Weight: 1.6 oz.
- Pollution Degree: 2
- Measures: 5.50" L x 1.0" H x .72" W
- Drop Protection: 10 ft.
- Safety Rating: CAT IV (1000V)

KLENCVT1 **\$16.00**



Klein® Line Splitter

- Assists in measuring the current draw of a connected load up to 15A without splitting the load's power cord.
- Voltmeter input jacks
- Provides X10 mode and X1 mode.
- Designed for use with Klein Tools' Test & Measurement Clamp Meter line: CL100, CL200, CL1000, CL1100, CL1200, CL1300, CL2000, CL2100, CL2200, CL2300 and CL2500.
- Works with many other manufacturers' clamp meters.
- For USA only
- Measures 6.2" L x 2.2" W

KLE69400 **\$20.00**

Nylon Carrying Case 3.5" x 9.5"

KLE69401 **\$9.00**



Hastings® Transformer and Capacitor Tester

- Utilized to test the condition of transformers and capacitors before placing them into service
- Test new transformers and capacitors, plus trouble shoot in-service units
- Provides operating personnel a safe and reliable method to verify that transformers or capacitors are not shorted or open prior to energizing
- Detects failures in equipment before loading and transporting to the job site
- Eliminates the blowing of cutout fuses to determine the condition of equipment
- Magnetized back allows hands to be free to install and remove cables and clips. Light weight. Has built in push button test feature prior to applying it to equipment. Four bright LED lights signal the condition of the equipment being tested.

- Tester can be used to verify that secondary services are not shorted prior to energizing the transformer
- The T&C tester is powered by a 9 volt battery
- Can be used to -40° C
- Housing is weatherproof, high-impact resistant plastic
- Includes battery and carrying case

HAS6793 **\$545.00**

Motorola® VHF - RM Series Business Two-Way Radios



- Exceptional audio quality and a rugged design.
- 2 watt VHF power
- 27 VHF frequencies, 12.5 kHz narrowband
- Compatible with repeaters/range extenders
- Dealer programmable to frequencies 146-174 MHz
- Interference Eliminator with 219 PL/DPL codes prevents hearing other users
- NOAA Weather Channels with Alert
- Audio accessory jack for use with earpieces and headsets
- Channel voice announcement
- Robust 1500 mw audio output
- Antimicrobial Protection

- Voice assisted programming
- Meets Military standards for high resistance to dust, moisture, shock, vibration

Every radio includes:

- Li-Ion battery, 2100 mAh, up to 15 hrs
- 4.5 hr drop-in desktop charger
- Plastic swivel holster with quick release belt clip
- **RMV Programming Software allows you to:**
- Customize your settings to fit your business applications
- Add or remove groups or contacts
- Prevent users from changing settings
- Quickly copy settings from one radio to another for add-ons or replacements
- Personalize the name of the radio
- Personalize the name of each group

MOTRMV2080

\$225.00

Motorola® UHF - RM Series Business Two-Way Radios

- Exceptional audio quality and a rugged design.
- 2 watt UHF transmit power
- 99 UHF frequencies
- Compatible with repeaters/range extenders
- Interference Eliminator with 219 codes prevents hearing other users
- Audio accessory jack
- Channel scan
- Channel voice announcement
- Robust 1500 mw audio output
- Antimicrobial Protection
- Voice assisted programming
- Meets Military Standards for high resistance to dust, moisture, shock, vibration

Every radio includes:

- Li-Ion Battery, 2100 mAh, up to 15 hr. operation
- 4.5 hr desktop charger
- Plastic swivel holster with quick release clip
- RM Programming Software:
 - Customize your settings to fit your business applications
 - Manage groups or contacts
 - Prevent setting changes
 - Quickly copy settings from one radio to another for add-ons or replacements
 - Personalize the name of the radio and the name of each group



MOTMU2040

MOTMU2080

MOTMU2080D

MOTRMU2040 2 channels expandable to 4 **\$230.00**

MOTRMU2080 8 channels plus NOAA Weather Channels with ALERT **\$270.00**

MOTRMU2080D 8 channels plus LCD Display and NOAA Weather Channels with ALERT **\$283.00**



Motorola® Ultralight Headset with Mic

MOT53815

\$40.00

Motorola® External Speaker Mic with PTT

MOT53862

\$59.00



Motorola® Leather Swivel Holster with Steel Belt Clip

MOTMR84612AP

\$36.00

Motorola® RM Series Li-Ion Battery

MOTPMNN4434

\$65.00



Motorola® RM Series 6-Unit Charger

Charges as well as clones settings from one radio to another

MOTPMLN6384

\$239.00

Motorola® Single Desktop Charger **MOTPMLN6394**

\$37.00



Motorola® Earpiece with In-line PTT Mic

MOT56517

\$37.00



Werner® 6200 Series Type 1A Stepladders

- Duty rating of 300 pounds, this series features a HolsterTop with the Lock-In System to secure tools from falling while keeping them right at hand
- Offer a full set of rear horizontals and heavy duty internal spreaders
- All steps are knee braced and the foot pads are riveted to the EDGE® structure. The EDGE bracing system helps protect the rail from damage.
- Fiberglass rails are non-conductive for working near electricity
- 4 rivets attach top to each front rail
- Back-up plates to reinforce top connectors
- Designed for one person jobs
- Internal Spreaders
- Molded braces
- Every rivet backed up by metal plate or washer to protect fiberglass
- Shoulder bolt and nut on top hinge
- Slip-resistant foot pad and Traction-Tred steps

WER6204	4ft	\$92.00
WEE6206	6 ft	\$115.00
WER6208	8 ft	\$150.00
WER6210	10 ft	\$227.00
WER6212	12 ft	\$273.00

Due to size, additional shipping charges apply.



Werner® 6200 Series Type 1A Extension Ladders

- Duty rating of 300 pounds
- Exclusive ALFLO® rung joint means TWIST-PROOF® performance on the job
- TRACTION-TRED® D rungs are slip resistant, interlocking side rails
- Dual action feet are for use on hard or penetrable surfaces and swivel easily
- Base and fly sections separate easily to use the base section as a single ladder
- Fly section rails are pre-pierced at the top for easy field installation of accessories
- Direct rung to rail connections
- Electrically non-conductive side rails
- Guides at top of base section and on bottom of fly section
- Mar-resistant molded end caps
- Rope and pulley system
- Rope clamp ties rope to rung
- Rugged gravity spring locks
- Shoe with slip-resistant pad and spur plate

WERD62162	16'	\$235.00
WERD62202	20'	\$265.00
WERD62242	24'	\$295.00

Due to size, additional shipping charges apply.

Little Giant® Select Step • Fiberglass Type IAA • 375 lbs Capacity

- Comfortable standing platform at any height between 3 and 6 feet
- Safe to use on staircases and uneven surfaces
- Lightweight and easy to move quickly
- Constructed of with non-conductive fiberglass siderails
- Patent pending
- Co-Molded Snap-on Feet
- Tip & Glide® Wheels
- One-Year Warranty
- Air Deck sold separately
- Designed to reduce accidents caused by fatigue, overreaching and having the wrong ladder for the job.
- The unusable top rung does not exist to prevent operators from unsafely climbing above to the top recommended step.
- Both sides telescope independently so it can be used safely over obstacles, sloping ground, and on stairs or uneven surfaces.
- The only fiberglass stepladder that allows you to safely work on stairs.
- Features the fast, easy-to-use Rock Locks™ and SelectGrip™ Handle for telescoping the ladder up and down to help you work faster with less fatigue from handling a tall stepladder.



	Model 15130	Model 15131
A-Frame Min Height	5 ft.	6 ft.
A-Frame Max Height	8 ft.	10 ft.
Storage Height	5 ft 1 in	6 ft. 1 in.
Storage Width at Base	2 ft 5 in	3 ft.
Storage Depth	9 in.	9 in.
Platform Size	11.75 in. x 9.75 in.	11.75 in. x 9.75 in.
Staircase Position	Yes	Yes
90-degree Position	Yes	Yes
Ladder Weight	32 lbs.	40 lbs.

LGL15130	5' min-8' max	\$282.00
LGL15131	6' min - 10' max	\$338.00

Due to size, additional shipping charges apply.



Little Giant® Conquest • Fiberglass

Type IA • 300 lbs Capacity

- Stable and safe with the wide-flared base as well as an adjustable straight side
- Non-conductive fiberglass siderails
- Easy-access carrying handle for easy transport.
- Capable of dozens of configurations, including A-frame, extension, and 90-degree and the ability to work safely on stairs
- Exceeds all OSHA and ANSI standard and is industrial rated up to 300 lbs.



A-Frame Min. Height	5 ft. 6 in.
A-Frame Max. Height	9 ft. 6 in.
Extension Min. Height	10 ft. 11 in.
Extension Max Height	18 ft. 11 in.
Storage Height	5 ft. 7 in.
Storage Width at Base	2 ft. 5 in.
Storage Depth	10 in.
Palm & Hinge System	Cast Aluminum and Triple Locking Hinge
Spreader System	Hinge Lock
Extension Lock System	Cast Aluminum Rock Locks
Scaffolding	Yes
90-Degree Ladder	Yes
Staircase Ladder	Yes
Feet	Co-Molded Snap On
Ladder Weight	44.5 lbs.
Warranty	1 Year

LGL15146

\$690.00

Little Giant® SumoStance

Type IAA • 375 lbs • Fiberglass

- Retractable outriggers double your ladder's base width and increase side-tip stability up to 600%.
 - Quick, easy leveling and stabilizing mechanism with built-in bubble level.
 - Dual-pulley system improves control and reduces force required to lift fly section by 60% percent.
 - Strong dual rubber pad / spike feet grab on to nearly any surface.
 - Non-conductive fiberglass siderails
 - Type IAA (375 lbs)
 - Patents pending
 - Optional Accessories available: Cable Hooks & V-Rung
 - Claw & bull Positioning System; House Pad • Auto-Leveler
- | | |
|-------------------------------------|---------|
| Highest Standing Level | 16'11" |
| Storage Height | 13'5" |
| Base Width | 22" |
| Storage Depth | 6 1/4" |
| Shoe Width | 3.5" |
| Rope Diameter | 3/8" |
| Max Base Width | 44" |
| Extension Max Height | 21" |
| Max Reach (5'6" person w/12' reach) | 23'5" |
| Fly Section Width | 15 3/4" |
| Total Leveling Adjustment | 9 1/8" |
| Leveling Increment | 3/16" |
| Weight | 59 lbs |

LGL15618

\$782.00



Streamlight® Polystinger® LED Rechargeable

- Non-conductive polymer flashlight
- Broadest range of lighting needs at the best value
- Multi-function On/Off push-button switch lets you choose three lighting modes and strobe; designed for extremely long life; tested at 1 million actuations
- **Three modes and strobe:**
 - **High** for a bright super-bright beam: 26,000 candela peak beam intensity; 385 lumens; runs 2 hours
 - **Medium** for bright light and longer run times: 13,000 candela peak beam intensity; 195 lumens; runs 3.75 hours
 - **Low** for when a less intense beam is needed and for extended run times: 6,500 candela peak beam intensity; 95 lumens; runs 7.25 hours
 - **Strobe** for disorienting or signaling your location; runs 5.5 hours
- Deep-dish parabolic reflector produces a concentrated beam with optimum peripheral illumination; optimized electronics provides regulated intensity
- C4® LED Technology. Shock-proof with a 50,000 hr. lifetime
- Fits existing Stinger snap-in chargers; compact and mountable in any position
- 10 hr. steady charge, 2.5 hr. fast charge, or PiggyBack® charger
- 3-cell, 3.6 Volt Ni-Cd sub-C battery, rechargeable up to 1000 times
- 3-cell, 3.6 Volt Ni-MH sub-C battery, rechargeable up to 1000 times
- Super-tough, non-conductive nylon polymer with non-slip rubberized grip
- O-ring sealed, unbreakable polycarbonate lens with scratch-resistant coating
- IPX4 water-resistant; 3 meter impact resistance tested
- Serialized for positive identification
- Limited lifetime warranty • Assembled in USA

STR76163

\$160.00

Streamlight® Waypoint® Rechargeable

- Pistol-grip spotlight features 3 modes: High, Low, Emergency Signal
- C4® LED Illumination Output and Runtime:
 - **High:** 93,000 candela peak beam intensity; 370 lumens, 610 meter beam distance, 5 hour runtime
 - **Low:** 7,200 candela peak beam intensity; 30 lumens, 170 meter beam distance, 50 hour runtime
 - **Emergency Signal:** 35 hour runtime
- Powered by rechargeable lithium ion battery; fully recharges in 4 hours
- Trigger-style switch for easy momentary and constant on operation; secondary rotary switch selects High, Low and Emergency Signal functions
- High impact polycarbonate housing; rubberized lens protector
- IPX8/waterproof to 2 meters and it floats
- Deep-dish parabolic reflector produces a long-range targeting beam with optimum peripheral illumination
- Includes high-strength adjustable lanyard
- Integrated stand for scene lighting
- Weight balanced design virtually eliminates user hand fatigue; cushioned grip
- Length: 6.75 in. Height: 7.14 in. Head Diameter: 3.62 in.
- RoHS compliant



STR44910

\$163.00

Streamlight® Portable Scene Light Rechargeable Lantern



- Rapidly deployed and easily stowed.
- Narrow footprint and 72" extension pole, goes almost anywhere, even tight, confined spaces
- Material/ Lens High-impact thermoplastic housing.

Weatherproof construction; O-ring sealed, unbreakable polycarbonate with scratch-resistant coating

- Retracted Position 22" L, 6.5" W, 11" H, Head Diameter: 6.7 in.
- 25 lbs with batteries
- Light Source: Six C4® LEDs and wide pattern reflectors produce a uniform flood pattern with two selectable beam widths and three light output intensities:
 - **High** for a super-bright flood beam: 3600 lumens, 31,000 candela peak beam intensity, Runtime: 5 hrs, 352m beam distance
 - **Medium** intense beam, 2400 lumens, 20,000 candela peak beam intensity, Runtime: 9 hours, 283m beam distance
 - **Low** - 1100 lumens, 11,000 candela peak beam intensity, Runtime: 18 hours, 210m beam distance

- Toggle switch allows operation from internal battery or continuous operation from external 12V DC power source
- Zero-maintenance battery: 12V, 7.2Ah sealed lead acid batteries are rechargeable up to 500 times
- LEDs charge status feedback. 10 Hour charge to 90% battery capacity, continuous trickle charge to maximize battery capacity.
- Batteries continue to charge while operating directly from an external 12V DC power source. AC charger included
- Selectable diffuser settings for two beam widths. Works with all three modes
- Optimum peripheral illumination for scene lighting; 90° swivel
- Balanced design and easy setup:
 - Less than 30 seconds for full deployment
 - Pole extends to 72"; cord built into the pole to avoid snags
 - Stabilization legs provide balance on uneven surfaces
- Packs to a compact size (22") for easy stowage
- Lifetime warranty. Some restrictions apply.



STR45670

120V AC/12V DC

\$799.00



**Streamlight®
E-Flood® Litebox® HL™**
120V AC/12V DC • Rechargeable

- Our High Lumen (HL) Series is now available in a rechargeable lantern!
- When you need maximum illumination with a wide beam to light a large area, the E-Flood® LiteBox® HL™ provides a blast of 3,600 lumens.
- Six C4® LEDs and wide reflectors produce a uniform flood pattern
- **Three user-selectable outputs:**
- **High** for a super-bright flood beam; 3,600 lumens, 31,000 candela, 352m beam distance, runs 2 hours
- **Medium** for an intense beam and longer run time; 2,400 lumens, 20,000 candela, 283m beam distance, runs 4 hours
- **Low** for when a less intense beam is ideal and for longer run times; 1,200 lumens, 11,000 candela, 210m beam distance, runs 8 hours
- Selectable diffuser settings for two beam widths
- Optimum peripheral illumination for scene lighting; 90° swivel neck allows you to aim the beam where you need it for task lighting
- Battery will continue charge while operating directly from an external 12V DC power source when using the remote cord so you can be confident that you will always have a light when you need it
- Indefinite run time when using 12V DC power cord
- Zero-maintenance 12V, 7.2Ah sealed lead acid rechargeable up to 500 times
- Integral D-rings allow attachment of the included shoulder strap
- High-impact ABS thermoplastic housing and weatherproof construction; elastomer impact bumper; cushioned-grip handle
- Serialized for positive identification
- 12.3" L x 5.1" W x 7.7"
- Head Diameter: 6.7"
- Weight with battery: 10.4 lbs
- Fits existing LiteBox charge racks
- Standard system includes shoulder strap, AC and DC charger cords and charge rack, and a 10ft (3 meter) external 12V DC power cord
- Color: International Safety Orange
- Limited lifetime warranty
- Assembled in USA

STR45661

\$480.00



**Streamlight®
E-Spot®
Litebox®**
120V AC/12V DC • Rechargeable

- **MULTI C4® LED LANTERN** An industrial-duty, rechargeable, portable lantern featuring C4® LED technology for high brightness, long runtime and reliability.
- Standard System AC/DC, shoulder strap and mounting rack - Orange
- 3 C4® LEDs and deep dish parabolic reflectors to produce a large spot pattern
- LEDs are impervious to shock with a 50,000 hour lifetime
- Optimized electronics provide regulated intensity
- **2 levels of lighting:**
- **High** – 55,000 candela peak beam intensity; 540 lumens
- **Low** – 32,000 candela peak beam intensity; 330 lumens
- Runtime:
 - High – 7 hours to the 10% output level
 - Low – 15 hours to the 10% output level
- Jumper selectable high or low setting to allow selection of more light output or more runtime
- Zero-maintenance 6V, 12Ah sealed lead acid battery. Rechargeable up to 500 times
- Push button switch
- Rubberized impact bumper
- IPX4 rated for water-resistance
- High impact ABS thermoplastic housing
- Cushioned grip handle
- Re-enforced D-rings
- Rubberized lens ring
- Fits existing LiteBox mounting racks
- Rack meets requirements of NFPA 1901-14.1.11.2 (2003) mounted in any position
- Color: International Safety Orange
- The standard system includes both AC and DC charger cords, a charge rack and shoulder strap
- Limited lifetime warranty
- Assembled in USA

STR45851

\$238.00

Streamlight® Knucklehead® Flood with Clip • Rechargeable

- Rechargeable fire/rescue light
- Knucklehead® with Clip, a revolutionary new LED work light designed to aim the floodlight onto the work area. With an innovative 360-degree rotating head, an alligator clip for attaching the light to turnout gear, and a powerful magnet that adheres to most steel surfaces, the Knucklehead with Clip gives first responders a variety of ways to target bright white light.
 - Engineered optics feature dual parabolic reflectors within a larger textured reflector optimizing light on target in conjunction with an overall smooth flood pattern
- Shockproof dual C4® premium LED technology delivers 200 lumens
- Durable spring-loaded clip for easy attachment to turnout gear and uneven surfaces
- Features a 210 degree articulating head that rotates a full 360 degrees
- **4 modes:**
 - **High** – 1150 candela peak beam intensity, 200 Lumens, 3.5 hour runtime
 - **Low** – 350 candela peak beam intensity, 63 lumens, 16 hour runtime
 - **Moonlight** – 20 day runtime
 - **Flash** – 8 hour runtime
- Dual power source: accepts rechargeable NiCd battery pack or 4 “AA” alkaline batteries
- Rubber dome push-button actuator is easy to operate even when wearing heavy gloves
- Removable magnet with 135 lb pull strength features a replaceable rubber boot
- Optimized electronics provide regulated intensity
- High-impact, super-tough nylon polymer construction for exceptional durability
- 2 meter impact-resistance tested
- IPX4 rated for water-resistance
- Serialized for positive identification
- 9.2 in.
- Orange
- Assembled in USA

STR90657

\$210.00



Streamlight® Knucklehead® Spot Alkaline Option

- The far-reaching beam of the Knucklehead Spot can help you locate hazards or victims from a distance. Combined with an articulating head, the smoke-cutting spot beam will give firefighters more flexibility when working in situations with changing conditions.
- Shockproof C4® premium LED technology combined with a deep dish parabolic reflector produces a focused beam for longer distances – 210 meters on high beam.
- Durable spring-loaded clip for easy attachment to turnout gear and uneven surfaces
- Features a 210 degree articulating head that rotates a full 360 degrees
- 4 modes:
 - High – 11,000 candela peak beam intensity, 180 Lumens, 3.5 hour runtime
 - Low – 3300 candela peak beam intensity, 55 lumens, 16 hour runtime
 - Moonlight – 20 day runtime
 - Flash – 8 hour runtime
- Dual power source: accepts rechargeable NiCd battery pack or 4 “AA” alkaline batteries
- Rubber dome push-button actuator is easy to operate even when wearing heavy gloves
- Removable magnet with 135 lb pull strength features a replaceable rubber boot
- Optimized electronics provide regulated intensity
- High-impact, super-tough nylon polymer construction for exceptional durability
- 2 meter impact-resistance tested
- IPX4 rated for water-resistance
- Serialized for positive identification
- 9.2 in.
- Available in orange
- Assembled in USA

STR90744

\$115.00





Streamlight® Protac® HL

- High lumen tactical light
- Hand-held, lithium battery-powered programmable flashlight that provides 600 lumens of light with 253 meters of beam distance.
- C4® LED technology, impervious to shock with a 50,000 hour lifetime
- Ten-Tap® Programming – Choice of three user selectable programs:
 - 1.) high/strobe/low
 - 2.) high only
 - 3.) low/high
- **3 light output levels:**
 - **High** – 16,000 candela peak beam intensity, 600 Lumens, 1.25 hrs runtime
 - **Low** – 800 candela peak beam intensity, 33 Lumens, 18 hrs runtime
 - **Strobe** - 2.5 hrs runtime
- Multi-function, push-button tail switch for one-handed operation
- Optimized electronics provide regulated intensity
- Durable anodized machined aircraft aluminum construction
- Removable pocket clip and O-ring sealed glass lens
- IPX7; waterproof to 1 meter for 30 minutes • 1 meter impact resistance tested
- Includes nylon holster and two 3V CR123A lithium batteries
- Barrel diameter: 1.0" • Length: 5.40"
- Limited lifetime warranty
- RoHS compliant

STR88040

\$108.00



Streamlight® Protac® 2AA

- Using two alkaline batteries, the ProTac® 2AA is a versatile personal carry light the size of a marker that still gives users plenty of bright light.
- Features Ten-Tap® Programming – Choose from three user selectable programs:
 - 1.) high/strobe/low (factory default)
 - 2.) high only
 - 3.) low/high
- C4® LED illumination output and run times:
 - HIGH - 155 lumens; 3,300 candela peak beam intensity; runs 2 hours
 - LOW - 11 lumens; 200 candela peak beam intensity; runs 36 hours
 - STROBE – runs 4 hours
- Includes two "AA" alkaline batteries and nylon holster
- Solid State power regulation means maximum output throughout battery life
- Rubber push-button tail switch
- Durable, anodized aluminum construction with impact-resistant lens
- IPX7 waterproof to 1 meter for 30 minutes; 2 meter impact resistance tested
- Unbreakable pocket clip and Anti-roll head
- 6.14" length
- RoHS compliant

STR88033

\$56.00



Streamlight® PolyTac® LED with Lithium Batteries

- The all-purpose PolyTac is designed for the broadest range of lighting applications at the best value. It features a superior grip texture for a comfortable but slip-resistant feel, as well as TEN-TAP® Programming that gives users the choice of three operating modes.
- C4® LED technology within a parabolic reflector produces a concentrated beam with optimum peripheral illumination
- TEN-TAP® Programming: Choice of three operating modes:
 - 1.) high/strobe/low (factory default);
 - 2.) high only;
 - 3.) low/high;
- High for bright light: 275 lumens; 9,500 candela; 195m beam distance; runs 3 hours
- Low for when less light is needed and for longer run times: 14 lumens; 500 candela; runs 65 hours
- Strobe for disorienting or signaling: runs 5.5 hours
- Solid State power regulation means maximum output throughout battery life
- Reflector produces a concentrated beam with optimum peripheral illumination — ideal for law enforcement backup light; day-to-day industrial use; maintaining vehicles; general contracting work
- High-impact, super-tough nylon polymer for exceptional durability and a superior grip texture to provide a comfortable but slip-resistant feel
- IPX7 rated design; waterproof to 1 meter for 30 minutes
- Powered by two 3V CR123A lithium batteries (included)
- 5.34 in. length
- Limited lifetime warranty

STR88853

\$56.00



Streamlight® Stylus Pro®

- A sleek pen light that conveniently fits in your pocket. Ideal for anyone that needs a compact, durable light to carry on a daily basis.
- White C4® LED delivers 65 lumens; 690 candela; runs 6.5 hours
- Push button tail switch – momentary or constant on operation
- Includes two "AAA" alkaline batteries and tear-resistant nylon holster
- Type II MIL-SPEC abrasion and corrosion-resistant anodized aircraft aluminum construction with unbreakable, scratch-resistant polycarbonate lens
- IPX4 water-resistant
- About the size of a marker, it conveniently fits in your pocket and a removable pocket clip ensures it stays in place
- 5.3" L x .6" D
- Matte Black

STR66118

\$28.00

Petzl® Pixa™ Headlamps

Features of Pixa 3, 2 and 1:

- Headlamp keeps the hands free for work: may be worn on the head with the headband, mounted on a helmet, or placed on the ground
- Mounting plate for helmets without headband (included)
- Constant lighting, guaranteed lighting performance that does not diminish during its entire lifetime
- Reserve lighting when batteries are almost discharged: lights to 15 meters for a minimum of 10 hours
- Comfortable adjustable headband, easily detached for washing

- Resistant to chemicals
- Easy to use, even when wearing gloves: - three-mode rotating selector dial - lamp body can be oriented to direct the light according to need (rotation up to 45°) - fast and easy battery change
- Durable: - excellent resistance to falls (2 m), to impacts and to crushing (80 kg) - storage position protects the glass and keeps headlamp from being turned on accidentally
- Burn time can be doubled by using Lithium Ion batteries or rechargeable Ni-MH batteries

Specifications of Pixa 3, 2 and 1:

- Weight: 160 g
- Regulated lighting: yes
- Number of batteries: 2
- Battery type (included): AA/LR6
- Battery compatibility: alkaline, lithium, rechargeable Ni-MH, rechargeable Ni-Cd
- Watertightness: IP 67, waterproof to -1 m for 30 minutes, no maintenance required after immersion



Petzl® Pixa™ 3

Multi-beam headlamp adapted for close-range work, for moving around and for long-range vision

Complete and very durable, the PIXA 3 headlamp is the hands-free lighting solution that adapts to any situation encountered on the terrain: close-range work, moving around and long-range vision. Depending on the context, it may be worn on the head, mounted on the helmet, or placed on the ground. It provides constant, stable lighting performance.

- **Three lighting modes:** - a mode adapted for close-range work: wide, uniform beam, lights to 15 meters for 12 hours (30 lumens) - a mode adapted for movement: mixed beam with focused component allows user to move around comfortably, lights to 30 meters for 6 hours (40 lumens) - a mode adapted for long-range vision: highly focused beam, lights to 55 meters for 3 hours (50 lumens)
- **Battery charge indicator:** repetitive flasher and red light
- **Included:** - PIXA headlamp and adjustable headband - helmet plate - 2 AA / LR6 batteries - technical information

PETE78CHB \$74.95

Petzl® Pixa™ 2

Headlamp with mixed beam, designed for close-range work and for movement

Versatile and very durable, the PIXA 2 headlamp is the hands-free lighting solution for working comfortably at close range and for moving around safely. Depending on the need, it may be worn on the head, mounted on the helmet, or placed on the ground. It provides constant, stable lighting performance.

- **Two lighting modes:** - a mode adapted for close-range work: mixed beam with wide, uniform base, lights to 20 meters for 12 hours (30 lumens) - a mode adapted for movement: mixed beam with focused component in upper part of the beam allows user to move around comfortably, lights to 30 meters for 6 hours (40 lumens)
- **Battery charge indicator:** flashes repetitively
- **Included:** - PIXA headlamp and adjustable headband - helmet plate - 2 AA / LR6 batteries - technical information

PETE78BHB \$59.95

Petzl® Pixa™ 1

Headlamp with wide, uniform beam, designed for close-range work

Easy to operate and extremely durable, the PIXA 1 headlamp is the hands-free lighting solution that allows professionals to work comfortably at close range. Depending on the need, it may be worn on the head, mounted on the helmet, or placed on the ground. It provides constant, stable lighting performance.

- **One lighting mode:** ideal for close-range work: wide, uniform beam, lights to 15 meters for 12 hours (25 lumens)
- **Included:** - PIXA headlamp and adjustable headband - helmet plate - 2 AA / LR6 batteries - technical information

PETE78AHB \$38.95

PIXA 3

CONSTANT LIGHTING		15 m 12 h 30 lm
CONSTANT LIGHTING		30 m 6 h 40 lm
CONSTANT LIGHTING		55 m 3 h 50 lm

PIXA 2

CONSTANT LIGHTING		20 m 12 h 30 lm
CONSTANT LIGHTING		30 m 6 h 40 lm

PIXA 1

CONSTANT LIGHTING		15 m 12 h 25 lm
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Streamlight® Septor® Headlamp



- Meets lighting needs for a “up close” work when seeing details is important
- Push-button switch is easy to use when wearing gloves and is recessed to protect it from inadvertent activation
- LEDs have a 100,000 hour life
- Powered by 3 “AAA” alkaline batteries (included)
- Low-level battery indicator
- 90° tilting head features a robust ratcheting system; prevents neck fatigue

- Durable, co-molded rubber body
- Features 7 white 5mm LEDs with three lighting modes:
 - **7 LEDs** for a soft flood light for tasks at arm’s length: 120 lumens, 900 candela peak beam intensity, 3.5 hour run time
 - **3 LEDs** for light without the glare and longer run times: 45 lumens, 375 candela peak beam intensity, 10 hour run time
 - **1 LED** for extended run times and when a less intense beam is ideal: 13 lumens, 100 candela peak beam intensity, 55 hour run time
- IPX4 rated for water resistance; 2 meter impact resistance tested
- Includes elastic head strap and rubber hard hat strap (shown below - replacement available STR61003)

STR61052

\$41.00

Streamlight® Trident® Headlamp



- Meets needs for both close-up and distance work
- Push-button switch is easy to use when wearing gloves and is recessed to protect it from inadvertent activation
- Powered by 3 “AAA” alkaline batteries (included)
- Low-level battery indicator
- 90° tilting head features a robust ratcheting system; prevents neck fatigue
- Durable, co-molded rubber body
- IPX4 rated for water resistance; 2 meter impact resistance tested
- Features center C4® LED and three ultra-bright white 5mm LEDs
- C4 LED for super-bright light with useable range: 4,000 candela peak beam intensity; 80 lumens; 126m beam distance; 5 hour run time
- 3 ultra-bright white 5mm LEDs for bright light and longer run time: 385 candela peak beam intensity; 35 lumens; 39m beam distance; 10 hour run time
- 1 ultra-bright white 5mm LED for extended run times and when a less intense beam is ideal: 120 candela peak beam intensity; 11 lumens; 22m beam distance; 53 hour run time
- Includes elastic head strap and rubber hard hat strap (shown below - replacement available STR61003)

STR61050

\$31.00

Streamlight® Argo® Headlamp



- Meets needs to illuminate objects at a distance- beam reaches 190 meters.
- Push-button switch is easy to use when wearing gloves and is recessed to protect it from inadvertent activation
- Powered by 3 “AAA” alkaline batteries (included)
- Low-level battery indicator
- 90° tilting head features a robust ratcheting system; prevents neck fatigue
- Durable, co-molded rubber body

- IPX4 rated for water resistance; 2 meter impact resistance tested
- Features one white C4® LED with three output modes:
 - **High** for maximum output with a long-range beam distance: 150 lumens, 9,250 candela peak beam intensity, 3 hour run time, 190m beam distance
 - **Medium** for intense brightness and longer run time: 100 lumens, 6,375 candela peak beam intensity, 4.5 hour run time, 160m beam distance
 - **Low** for extended run times and when less intense light is needed: 45 lumens, 2,750 peak beam intensity, 30 hour run time, 103m beam distance
- Includes elastic head strap and rubber hard hat strap (shown below - replacement available STR61003)

STR61301

\$40.00



Streamlight® Replacement Rubber Hardhat Strap

- Replacement Rubber hard hat strap - same one that comes with the Streamlight Headlamps.
- Headlamp and helmet not included.

STR61003

\$5.00

GoLight® Radioray® Remote Control Searchlights



- Exclusive Cr5 Pentabeam™ Technology
- Remote Controlled Operation
- 370° Rotation x 135° Tilt
- 225,000 Candela, 5.5 Apms
- UV Ray and Saltwater Resistant
- Weatherproof for Land and Sea Applications
- Permanent-Mount and Portable-Mount Options
- 3-Year Limited Warranty
- Programmable Wireless Remote
- 15' Cord with Cigarette Plug for 12v DC
- Unit Size: 7" x 7" x 8"

GOL7900	Suction Cup & Permanent Mount Shoe	\$239.00
GOL7901	Suction Cup & Magnetic Mount Shoe	\$259.00

GoLight® LED Radioray® Remote Control Searchlights



- LED Technology
- Remote Controlled Operation
- Three Different Remote Options
- 370° Rotation x 135° Tilt
- Permanent and Portable Mounting Options
- U.V. Ray and Salt Water Resistant
- 3 Amps with 12v Power Source
- 3-year Limited Warranty
- 15' Cord with Cigarette Plug for 12v DC
- Unit Size: 7" x 7" x 8"

GOL79004	Suction Cup & Permanent Mount Shoe	\$529.00
GOL79014	Suction Cup & Magnetic Mount Shoe	\$549.00

GoLight® Stryker H.I.D. with Wireless Hand-Held Remote

- Durable, Versatile, Powerful.
- 1 Mile Effective Beam Distance
- Wireless Remote Controlled Operation
- 370° Rotation x 135° Tilt
- 550,000 Candela
- Retrofits Available
- Quick Start Up Time
- Integrated 12V DC High-Torque Motors
- Weatherproof for Land and Sea Applications
- Waterproof Remote Transmitters
- R.F. Programmable Super Heterodyne Receiver



30001

Revolutionary Installation Features:

- Exclusive Wireless Dash-Mount Remote Option - Eliminates the Need for Running a Wiring Harness
- Innovative Mounting Plate with Clamping Interphase - Saves Time with a Simple, Two-Step Installation
- Stainless Steel Mounting System Included!
- Optional Magnetic Mount

GOL30001	White, Standard mount	\$599.00
GOL30003	White, Magnetic mount	\$629.00
GOL30511	Black, Standard mount	\$599.00
GOL30513	Black, Magnetic mount	\$629.00

GoLight® GXL LED Xtreme Lighting

- Fixed LED work light. Choice of spot or flood
- Incredibly intense, compact and durable lighting solution for your work truck or utility vehicle.
- Multiple illumination options - Spot, Flood, IR
- Floodlight Output 6000 Max Lumens
- Spotlight Intensity 110,000 Candela
- 94% Optical Efficiency
- 50,000 hr Life Expectancy
- 9-32 Volt DC Input
- IP 68 Rating
- Shock Proof Solid State Lighting
- Instant On
- Quick Adjust Mounting Cradle
- Operating Temp Range: -40° - 145° F
- Low Power Draw
- Powder Coat Cast Aluminum Heat Sync
- 10 Year Limited Warranty



GOL4411	GXL LED Spotlight (black)	\$329.00
GOL4421	GXL LED Floodlight (black)	\$359.00
GOL4422	GXL LED Floodlight (white)	\$379.00

North American Signal Company™ Economy Low-Profile LED Mini-Bar Magnet Mount



- 12/24V Economy low-profile LED light bar - Magnet Mount
- Cycles thru 3 pre-programmed flash patterns
- Includes 15' straight cord and plug with built in ON/OFF switch and LED indicator
- Additional LED, Dome colors available - please call for quote.
- LED Color: Amber
- Dome Color: Clear
- Maximum Current Draw: 1.4 Amperes
- 17.2" L x 2.75" H x 9.4" D
- Warranty- US Sales Only: 5 years

NORMMBSLEDFLM-C/A \$206.00

North American Signal Company™ Light Bar • Clear

- The MINILP series features 18 high-power LEDs with state-of-the-art TRL lensing, a heavy-duty housing, improved gasketing, and a very low profile - aerodynamic appearance.
- Exceeds Class 1 specifications
- Additional colors available on request. Please call for info.
- Operating Voltage: 12/24
- Amber LED, Clear Dome
- Maximum Current Draw: 7.0 Amperes
- Flash Pattern: 8 User-Selectable
- Measures 13.5 L x 2.75" H x 9.4" D
- Warranty- US Sales Only: 5 years



NORMINILPCA \$255.00

NORMINILPMC Magnetic Mount **\$272.00**
Includes 3-90lb magnets and a 15' straight cord and cigarette lighter plug

North American Signal Company™ Micro-Burst Strobe Lights



Combines state-of-the-art circuitry, a sonic welded housing, and an industry leading 3-year warranty. Multi-voltage, 4.6" wide by 4" tall, sealed to keep out dirt and moisture, and reinforced to protect against shock and vibration.

NORQ350A Plastic Base \$76.00

NORQ350MXA Magnetic Base \$79.00

Includes 12' straight cord and plug assembly designed with a built-in on/off rocker switch and LED indicator

North American Signal Company™ Round LED 2000 Lumen LED Worklight

- 12/24V, Round LED Work Light
- 1.8 Amp Draw @ 12/8V
- "Chip on Board" LEDs
- Sealed water tight lens assembly, IP:68
- Single bolt mount, full tilt, 360 degree
- Diecast Aluminum housing
- Oper Temp: -30C ~ +50C, Thermal shock resistant
- Includes 15" harness, viewing angle 60°
- 2-Year Warranty



NORWLED25 \$135.00

North American Signal Company™ Square LED 1200 Lumen Economy Work Light

- 12/24V Square LED Economy Work Light
- 1.2 Amp Draw @ 12.8V
- Includes 5 High-Powered LEDs
- Sealed water tight lens assembly, IP:68
- Single bolt mount, full tilt, 360 degree
- Die cast Aluminum housing
- Two surface mount brackets included w/ hardware packet
- Oper Temp: -30C ~ +50C, Thermal shock resistant
- Includes 15" harness, viewing angle 60°
- 2-Year Warranty



NORWLED55 \$45.00

North American Signal Company™ Quad Flash Strobe Lights



- Bright, powerful, economical line of multi-voltage quad flash strobe lights.
- 75 quad FPM for an exceptional attention-getting display.
- Comes standard with a black ABS plastic base and fresnel lens.
- Optional flange mount base and/or 6" tall dome for greater light output/ higher profile

NORQ625MXA Magnetic Base \$113.00

NORQ625A Plastic Base \$111.00

Carhartt® Men's Flame-Resistant Relaxed-Fit Utility Jean

- 14.5 oz., 100% cotton FR denim
- Arc-resistant button at the waist and a brass zipper with Nomex® FR zipper tape
- Two reinforced back pockets and Carhartt strong triple-stitched main seams
- Garment washed for a soft finish
- Sits slightly below the waist, relaxed-fitting seat and thighs, leg openings fit over work boots
- Meets NFPA 70E and NFPA 2112 standards.
- HRC: 2 • ATPV (CAL/CM2): 20.7

Color: Midstone

		WAIST															
		30	31	32	33	34	35	36	38	40	42	44	46	48	50	52	54
INSEAM	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	34	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

CARFRB004MDS Specify Size from Above

Standard Sizes \$65.00

Extended Sizes (grayed boxes) \$71.00



Saf-Tech® Relaxed Fit Denim Jean 12 oz. Indura®

- Made for comfort and ease
- Five-pocket style
- Sewn throughout with Nomex® thread
- Nomex® brass zipper
- One-piece waist band
- Bartacked reinforcements
- HRC 2 • ATPV 14.4 cal/cm2

STCRXDJ36 Waist Sizes 28-44 \$56.00

Waist Sizes 46-50 \$70.00

Specify Waist Size and Inseam when ordering



Carhartt® Men's Flame-Resistant Utility Denim Double-Front Jean

- Chap-style front utility denim double-front jean with cleanout openings to accommodate kneepads
- FR 14.5 oz, 100% cotton denim
- Garment washed for a soft finish
- Arc-resistant button closure at the waist plus a brass zipper fly with Nomex® FR zipper tape
- Two back pockets are reinforced, and the main seams are triple stitched for extra strength
- Sits slightly below the waist, offers a relaxed-fitting seat and thighs, and includes leg openings that fit over work boots
- Meets NFPA 70E and NFPA 2112 standards
- HRC 2 • ATPV 20.7

Color: Midstone

		WAIST															
		30	31	32	33	34	35	36	38	40	42	44	46	48	50	52	54
INSEAM	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	34	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

CAR100170451 Specify Size Above

Standard Sizes \$72.00

Extended Sizes (grayed boxes) \$78.00



Carhartt® Men's Flame-Resistant Duck Work Dungaree

- 13 oz, 100% cotton flame-resistant duck
- Full seat and thigh, multiple tool and utility pockets and hammer loop
- Arc-resistant high-tension snap closure at waist, bass zipper fly with Nomex® zipper tape
- Two reinforced back pockets, triple-stitched main seams and 19" leg openings to fit over work boots
- NFPA 70E and NFPA 2112 compliant.
- HRC 2 • ATPV 16

Color: Carhartt Brown

		WAIST														
		30	31	32	33	34	36	38	40	42	44	46	48	50	52	54
INSEAM	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	34	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

CARFRB229BRN Specify Size Above

Standard Sizes \$76.00

Extended Sizes (grayed boxes) \$82.00





Carhartt® Men's Flame-Resistant Cotton T-Shirt

- 6.75 oz, 100% cotton FR jersey knit
- FastDry® technology wicks away sweat for comfort
- Fights odors, breathable
- Convenient left-chest pocket
- Side-seamed construction that minimizes twisting
- Original Fit
- Carhartt FR and HRC 2 labels sewn on the pocket
- Meets the requirements of NFPA 70E and is UL® Classified to NFPA 2112
- HRC: 2 • ATPV (CAL/CM²): 8.9

Colors:
Dark Navy - 410 Light Gray - 051

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL	•	•	•	•	•	•	•	•

CAR100234 Specify Color Code and Size from Above.

Standard Sizes **\$53.00**

Extended Sizes (grayed boxes) **\$63.00**



Carhartt® Men's Flame-Resistant Force™ Cotton Long-Sleeve T-Shirt

- 6.75 oz, 100% cotton FR jersey knit
- Wicks away sweat, fights odors
- Rib-knit crewneck collar and cuffs, a left-chest pocket,
- Side-seamed construction that minimizes twisting.
- Original Fit
- Carhartt FR and HRC 2 labels on pocket
- Meets the performance requirements of NFPA 70E and is UL® Classified to NFPA 2112.
- HRC: 2 • ATPV (CAL/CM²): 8.9

Colors:
Sand - 261 Dark Navy - 410
Light Gray - 051 Medium Blue - 465

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL	•	•	•	•	•	•	•	•

CAR100235 Specify Color Code and Size from Above.

Standard Sizes **\$57.00**

Extended Sizes (grayed boxes) **\$67.00**

Carhartt® Men's Flame-Resistant Twill Shirt with Pocket Flaps

- 7 oz., flame-resistant twill
- Two chest pockets with flaps and button closures
- Flame-resistant melamine buttons and a button-down collar
- Triple-stitched main seams and a shaped shirt tail
- NFPA 70E and NFPA 2112 compliant
- HRC: 2 • ATPV (CAL/CM²): 8.6

Colors:
Gray - GRY
Khaki - KHI
Medium Blue - MBL
Dark Navy - DNY

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL	•	•	•	•	•	•	•	•

CARFRS160 Specify Color Code and Size from Above.

Standard Sizes **\$59.00**

Extended Sizes (grayed boxes) **\$66.00**



Carhartt® Men's Flame-Resistant Work-Dry® Lightweight Twill Shirt

- Lightweight, 6 oz.FR twill in a blend of 88% cotton and 12% high-tenacity nylon
- Work-Dry® material wicks away moisture and features an anti-odor fabric treatment
- Two chest pockets with flaps and button closures and two-button adjustable cuffs
- Meets NFPA 70E standards.
- HRC: 2 • ATPV (CAL/CM²): 8.7

Colors:
Khaki - KHI
Medium Blue - 465
Dark Navy - DNY
Gray - GRY
Royal - RYL

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL	•	•	•	•	•	•	•	•

CARFRS003 Specify Color Code and Size from Above.

Standard Sizes **\$59.00**

Extended Sizes (grayed boxes) **\$66.00**



Saf-Tech® Work Shirt

- Sewn bi-swing back
- Button front closure
- Sewn with Nomex® thread
- Pencil slot on chest pocket
- Bar tacked reinforcements
- Finished cuffs
- Two chest pockets with button flaps
- Pin-point collar.
- Also available with snaps.
- **Choice of Fabric Type below:**



7oz Ultra Soft®

- HRC 2 • ATPV 8.7 cal/m2
- Colors: Royal Blue (00), Navy (25), Orange (50), Khaki (75), Gray (80)

	Reg. Part# STCWSHRT32	Tall Part # STCWSHRT32T
S-XL	\$59.00	\$59.00
2XL	\$64.00	\$64.00
3XL - 4XL	\$73.00	\$73.00

Specify Part #, size and color when ordering.

7oz Indura®

- HRC 1 • ATPV 7.7 cal/m2
- Colors: Navy (25), Khaki (75), Gray (80)

	Reg. Part# STCWSHRT07	Tall Part # STCWSHRT07T
S-XL	\$60.00	\$60.00
2XL	\$66.00	\$66.00
3XL - 4XL	\$74.00	\$74.00

Specify Part #, size and color when ordering.

PIP® Polartec Windpro Zip Hoodie

- Flame resistant fiber provides extreme flame protection - Made with a unique blend of fibers for permanent flame resistance
- Velour or pebbled back efficiently traps air and provides a high warmth-to-weight ratio
- Not a laminate so it is highly breathable, maintaining 85% of the breathability of traditional fleece to keep you from over heating.
- Will not melt or drip
- 4 times more wind resistant than traditional fleece
- Warmth without the weight
- Water repellent surface sheds rain & snow
- Full Zip Front and Full Front Pockets
- Drawstring Hood
- Machine washable and Durable
- Navy

PIP9100ZPHDNV	M-XL	\$187.00
	2XL-3XL	\$213.00



Carhartt® Men's Flame-Resistant Heavyweight Hooded Sweatshirt

When cold weather is in the forecast, reach for our flame-resistant heavyweight hooded sweatshirt for warmth. It's constructed of heavyweight, flame-resistant 14 oz knit, 58% cotton/35% modacrylic/7% polyester. For added comfort, it features an attached hood with adjustable draw-cord closure, and a front hand-warmer pocket. Anti-odor control is also included. Meets NFPA 70E standards. **Dark Navy.**



	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL	•	•	•	•	•	•	•	•

CARFRK006 Specify Size from Above

Standard Sizes **\$130.00**

Extended Sizes (grayed boxes) **\$145.00**

Dragon Wear™ Power Grid™ 1/4 Zip Dual Hazard Shirt

- Quarter-zip front with stand-up collar
- Power Grid™ 4-way stretch, warmth, wicking and breathability
- High/Low interior grid structure enhances airflow and dry time
- Jersey microfiber face speeds moisture wicking and allows for easy layering
- Sized to wear as a base layer, also works as a stand-alone top or mid-layer
- Fabric Polartec® Power Stretch FR®: 9.2oz (Rayon, Modacrylic, Para-aramid, Spandex)
- HRC2, Arc Rating (ATPV) 15 cal/cm2
- Fabric Polartec® Power Stretch FR®: Fire-resistant 9.2oz Rayon, Modacrylic, Para-aramid, Spandex
- Black



	Reg. Part# DRADFB20_DH	Tall Part # DRADFB20_DHT
S-XL	\$98.46	\$103.46
2XL	\$103.46	\$107.96
3XL	\$107.96	\$112.46
4XL	\$112.46	\$116.96
5XL	\$116.96	\$121.46

Specify Part # and size when ordering.



Dragon Wear™ EXXTREME Jacket

- Polartec® Nomex® IIIA Thermal FR® Technology
- Rip-Stop Nomex® reinforcing patches on forearm and shoulder
- Pit-Zip armpit ventilation and large zip chest pocket
- Two zippered hand warmer pockets and two large inside cargo pockets
- Full-length zip front with stand-up collar
- Drop-tail rear hem for increased coverage
- Made in USA
- Protection HRC2, Arc Rating 17.9 cal/cm2 -

Permanent protection won't melt, drip or support combustion in the air. Protection does not wash or wear away.

- Materials: Fire-resistant and Wind-resistant Nomex® IIIA 8.7oz/sq yd Fabric - 93% Nomex, 5% Kevlar, 2% Carbon, Nomex® Rip-Stop, Nomex® woven pocketing, YKK® Nomex® zipper, Nomex® thread
- Black



	Reg. Part # DRADF50_	Tall DRADF50_T
S-XL	\$275.36	\$284.36
2XL	\$284.36	\$293.36
3XL	\$293.36	\$302.36
4XL	\$302.36	\$311.36
5XL	\$311.36	\$320.36

Specify Part # and size when ordering.

PIP® ARC/FR Ultralight Jacket 40 Cal/cm2

- NFPA 70E ASTM F1506
- Hybrid Fabric Technology 37% Lighter
- Navy
- Shell: DuPont Protera 8 oz
- Inside Layer: 88/12 Cotton/Nylon 6 oz
- Care: Industrial Wash

PIP9100524ULT	S-XL	\$271.00
	2XL	\$297.00
	3XL	\$328.00
	4XL	\$396.00
	5XL	\$435.00



Carhartt® Men's Flame-Resistant All-Season Bomber Jacket

- 8.5-oz FR canvas • 6.75-oz FR quilt lining
- Two inside patch pockets with flame resistant hook-and-loop closure for convenient storage
- Brass front zipper with Nomex® zipper tape that has inside and outside protective flaps and hidden snap closure for electric arc protection.
- An optional flame-resistant hood (FRA002) can be attached with snaps under the collar.
- NFPA 70E compliant.

Specify Color: Dark Navy or Carhartt Brown

	S	M	L	XL	2XL	3XL	4XL	5XL	Standard Sizes	\$178.00
REGULAR	•	•	•	•	•	•	•	•		
TALL									Extended Sizes (grayed boxes)	\$200.00

CARFRJ164

Specify Color and Size from Above

Carhartt® Men's Flame-Resistant Midweight Canvas Hood

- 8.5 oz flame-resistant canvas, a blend of 88% cotton and 12% high-tenacity nylon,
- 6.75-oz flame-resistant quilt lining made of flame-resistant modacrylic and twill
- Three-piece design for a better fit
- Chin protector with flame-resistant hook-and-loop closure, Nomex® drawcord and arc-resistant snaps for attachment to FR outerwear only.
- NFPA 70E compliant.

CARFRA002

Specify Color: Dark Navy or Carhartt Brown

One Size Fits All

\$47.00





Saf-Tech® Bomber Jacket

- Choice of outer shell: 11oz Duck or 7oz
- Both have:
 - 10oz Moda-Quilt® sewn in liner
 - Nomex® brass zipper with storm flap
 - Finished cuffs with snap closure
- Pleated action back for ease and movement
- Two large front patch style pockets with snap closure
- Full elastic waistband

11oz Ultra Soft® Duck • HRC4 • ATPV44.4 cal/m2 • Color: Duck (45)

	Reg. Part# STCBOMB25	Tall Part # STCBOMB25T
S-XL	\$192.00	\$192.00
2XL	\$211.00	\$211.00
3XL - 4XL	\$238.00	\$238.00

Specify Part # and size when ordering.

7oz Ultra Soft® • HRC3 • ATPV 35.8 cal/m2 • Colors: Royal Blue (00), Duck (25)

	Reg. Part# STCBOMB32	Tall Part # STCBOMB32T
S-XL	\$166.00	\$166.00
2XL	\$183.00	\$183.00
3XL - 4XL	\$208.00	\$208.00

Specify Part # and size when ordering.



Saf-Tech® Work Jacket

- Choice of Liner: Sewn in or Zip in/out
- Stand up collar with Velcro closure
- Nomex® brass zipper covered by storm flap with snap closures
- Hemmed sleeve with Velcro adjustments
- Two hidden side pockets, elastic waistband

9oz Indura® Sewn-In Liner • HRC3 • ATPV 35.6 cal/m2

• Colors: Royal Blue (00), Navy (25), Khaki (75), Gray (80)

	Reg. Part# STCJACS16	Tall Part # STCJACS16T
S-XL	\$146.00	\$146.00
2XL	\$161.00	\$161.00
3XL - 4XL	\$183.00	\$183.00

Specify Part #, size and color when ordering.

9oz Indura® Zip-In Liner • HRC4 • ATPV 49.8 cal/m2

• Colors: Royal Blue (00), Navy (25), Khaki (75), Gray (80)

	Reg. Part# STCJACL16	Tall Part # STCJACL16T
S-XL	\$175.00	\$175.00
2XL	\$192.00	\$192.00
3XL - 4XL	\$218.00	\$218.00

Specify Part #, size and color when ordering.

Carhartt® Flame-Resistant Duck Bib Overall • Unlined

Our flame-resistant duck bib overall is unlined for comfort in warmer weather. Made of 13 oz, flame-resistant 100% cotton duck, it features high back with flame-resistant elastic suspenders and high temperature nylon center-release buckles. It also has a chap-style double front for durability, multiple tool and utility pockets, ankle-to-mid-thigh brass leg zippers with Nomex® zipper tape, flame-resistant melamine button at waist and protective flaps and arc-resistant snap closures. NFPA 70E compliant.



Specify Color: Dark Navy, Carhartt Brown

		WAIST												
		30	32	34	36	38	40	42	44	46	48	50	52	54
INSEAM	30	•	•	•	•	•	•	•	•	•	•	•	•	•
	32	•	•	•	•	•	•	•	•	•	•	•	•	•
	34	•	•	•	•	•	•	•	•	•	•	•	•	•
	36	•	•	•	•	•	•	•	•	•	•	•	•	•

Standard Sizes **\$125.00**

Extended Sizes (grayed boxes) **\$140.00**

CARFRR45 Specify Color and Size from Above

Saf-Tech® Insulated Bib/Overall

- Moda-Quilt® insulation for cold weather
 - Pockets: Two front side, two reinforced rear, three front chest
 - Snaps on pass through pockets
 - Sewn with Nomex® thread, bar tacked reinforcements and double needle stitching
 - Non-conductive closure on shoulder straps
 - Elastic waistband
 - Bar tacked reinforcements
 - Zippered legs for easy on/off
- *For Insulated Bib Overalls go up 1 size

9oz Ultra Soft® • HRC 4 • ATPV 40.6 cal/cm2

STCIB030	S-XL	\$187.00
	2XL	\$205.00
	3XL-4XL	\$233.00

6oz Nomex® IIIA • HRC3

STCIB014	S-XL	\$291.00
	2XL	\$320.00
	3XL-4XL	\$364.00

9oz Indura® • HRC3 • ATPV 35.6 cal/m2

STCIB016	S-XL	\$172.00
	2XL	\$189.00
	3XL-4XL	\$215.00

Specify size and color choice (Royal Blue or Navy) when ordering.



Dragon Wear™ EXXTREME™ Pants

- Polartec® Nomex® IIIA Thermal FR® Technology
- Seat and knees reinforced with Rip-Stop Nomex®
- Same type of fleece as Exxtreme™ Jacket
- Water and wind-resistant
- 2 Hand warmer pockets
- Full length side zippers for easy on/off, even with boots
- Special loops allow the pants to be secured to flight suits
- Made in USA
- Protection HRC2, Arc Rating 17.9 cal/cm2
- Materials: Fire-resistant Nomex® IIIA 8.7oz/sq yd Fabric - 93% Nomex, 5% Kevlar, 2% Carbon, Nomex® Rip-Stop, Nomex woven pocketing, YKK Vislon Nomex® zipper, Nomex thread
- Black



DRADF700	S	\$233.96
DRADF701	M	\$233.96
DRADF702	L	\$233.96
DRADF703	XL	\$233.96
DRADF704	2XL	\$242.96

Saf-Tech® Contractor Coverall Unlined

- Lay down collar
- Six-pockets
- Bar-tacked reinforcements at stress points
- Sewn bi-swing back
- Two-way Nomex® brass break-away zipper
- Elastic waist inserts
- Hemmed sleeve with snap closure
- Choice of Fabric type and weight below

7oz Ultra Soft® • HRC 2 • ATPV 8.7 cal/m2
• Colors: Royal Blue (00), Navy (25), Khaki (75)

STCCJS32	S-XL	\$85.00
	2XL	\$94.00
	3XL-4XL	\$106.00

Specify size and color choice when ordering

9oz Indura®

- HRC 2 • ATPV 11.5 cal/m2
- Colors: Royal Blue (00), Navy (25), Orange (50), Khaki (75), Gray (80), Spruce Green (85), Red (90)

STCCJS16	S-XL	\$65.00
	2XL	\$72.00
	3XL-4XL	\$81.00

Specify size and color choice when ordering



Carhartt® Men's Flame-Resistant Coverall

- 9-oz, flame-resistant 100% cotton twill
- Unlined flame-resistant twill coverall
- Two chest pockets with flaps, two pass-through pockets, left-leg utility band, spread collar, multiple tool and utility pockets, pleated elbows and bi-swing back for comfort
- Brass front zipper with Nomex® FR zipper tape and inside and outside flaps.
- Leg opening fits over boots for easy on - off
- NFPA 70 E and NFPA 2112 compliant.
- HRC: 2 • ATPV (CAL/CM²): 11.2

Colors:
Khaki - 250
Gray - 033
Dark Navy - 410
Royal - 434

	CHEST													
	34	36	38	40	42	44	46	48	50	52	54	56	58	60
SHORT	•	•	•	•	•	•	•	•	•	•	•	•	•	•
REGULAR	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TALL														

CAR101017250 Specify Color Code and Size from Above

Standard Sizes **\$69.00**

Extended Sizes (grayed boxes) **\$80.00**



Saf-Tech® Insulated Coverall

- Premier insulated coverall
- Permanently lined Moda-Quilt® insulation
- Two large front chest pockets
- Sewn with Nomex® thread
- Lay down collar
- Finished cuffs with snap closure
- Two-way high leg zippers.

7oz Ultra Soft®

- HRC 3 • ATPV 35.8 cal/m2

STCIJS32	S-XL	\$292.00
	2XL	\$321.00
	3XL-4XL	\$365.00

Specify size and color choice (Royal Blue or Navy) when ordering.



Carhartt® Men's Flame-Resistant Extremes Arctic Coat



- 9 oz FR canvas; 88% cotton/12% high-tenacity nylon with Wind Shield™ technology
- Unique sherpa-lined interior back panel for increased warmth
- Fully Insulated with 3M™ Thinsulate™ 200g Platinum insulation with twill face cloth
- Nomex FR inside-waist adjustable draw cord
- Heavy duty Vislon two-way zipper with Nomex FR zipper tape



- Insulated stand-up collar
- Full-length interior/exterior storm flap and hook-and-loop closure
- Grip friendly zipper-pull
- Two front chest pockets with flaps and hook-and-loop closure
- Left shoulder utility band for mic clip
- Left chest pocket has a radio integration pass-through slot inside front left pocket to allow mic cord to pass through the pocket into the interior of the garment
- Nomex FR mesh gas monitor pocket over right chest pocket
- Angled left sleeve upper arm pocket
- Two lower-front insulated double pockets with top entry and side hand warmer entry
- Clip-friendly D-ring loops under pocket flaps
- Tripleneedle stitched main seams
- Nomex FR rib knit cuffs
- 2" yellow/silver/yellow contrasting stripe with 3M™ Scotchlite™ reflective trim (#8940) around torso and sleeves with X-pattern on back
- Four generous interior pockets, two upper and two lower Interior pocket includes an ID patch
- Concealed snaps around collar to accommodate optional hood (CAR101392)
- Meets the NFPA 70E standards
- **Color: Dark Navy**

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL								

CAR10078410

Standard Sizes \$399.00

Extended Sizes (grayed boxes) \$450.00

Carhartt® Men's Flame-Resistant Extremes Arctic Hood



- 9 oz FR canvas: 88% cotton /12% high-tenacity nylon
- Fully insulated with 3M™ Thinsulate™ Platinum
- Three-piece hood construction
- ID patch located inside
- Nomex® FR adjustable draw cord front opening with barrel locks
- Triple-stitched main seams
- Specifically designed and compatible to snap onto CAR100784
- Meets the performance requirements of MFPA 70E standards
- **Color: Dark Navy**

CAR101393410 One Size \$50.00

Carhartt® Men's Flame-Resistant Extremes Arctic Biberall



- 9-ounce FR canvas; 88% cotton/12% high-tenacity nylon with Wind Shield™ technology
- Fully Insulated with 3M™ Thinsulate™ 200g Platinum insulation with twill face cloth
- High back with FR elastic suspenders and FR center-release buckles
- Back waistband elastic for comfortable fit
- Heavy duty Vislon two-way zipper with Nomex FR zipper tape
- Full-length interior/exterior storm flap and hook-and-loop closure
- Ankle-to-thigh zipper on each leg with interior/exterior storm flaps and hook-and-loop closure
- Left-chest pocket with pencil opening
- Two large lower front pockets
- One inside chest pocket with ID patch
- Two reinforced back pockets
- Double knees with cleanout bottoms that can accommodate knee pads
- 2" yellow/silver/yellow contrasting stripe with 3M™ Scotchlite™ reflective trim around legs
- Two reinforced kick panels on both outside and inside lining of lower leg hems
- Meets the NFPA 70E standards
- **Color: Dark Navy**

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL								

CAR100785410

Standard Sizes \$450.00

Extended Sizes (grayed boxes) \$500.00



Carhartt® Men's Flame-Resistant Double-Layer Work-Dry® Balaclav

- 5.5 oz, 2-ply FR knit: a blend of 48% modacrylic/48% Tencel®/4% spandex
- Work-Dry® material wicks away moisture
- Anti-odor control
- Full facial protection extends below the neckline, face mask pulls down below the chin when not needed
- Flat-seam, 2-ply construction
- Meets NFPA 70E standards
- Dark Navy
- One Size Fits All

CARFRA003

\$39.99

Carhartt® Flame-Resistant Fleece Hat

- 10 oz, FR Polartec® wind Pro® fleece
- Rain Defender® durable water-repellent finish
- High warmth-to-wight ratio, but still highly wind-resistant and breathable
- Fits nicely under a hard hat
- Carhartt FR label sewn on front
- Meets the performance requirements of NFPA 70E standards
- Color: Dark Navy
- One Size Fits All

CAR101578410



\$24.99

Carhartt® Flame-Resistant Fleece 2-in-1 Knit Hat

- 10.5 ounce, FR Polartec® Wind Pro® fleece
- Pull down face mask
- Breathable fleece hat with pull down face mask for warmth and protection
- High warmth-to-wight ratio, but still highly wind-resistant and breathable
- Rain Defender® durable water-repellent finish
- Mask can be tucked into hat when not in use
- Carhartt FR label sewn on front
- Meets the performance requirements of NFPA 70E standards
- Dark Navy
- One Size Fits All

CAR101579410

\$39.99

Carhartt® Flame-Resistant Fleece Neck Gaiter

- 10 oz, FR Polartec® wind Pro® fleece
- Rain Defender® durable water-repellent finish
- High warmth-to-wight ratio, but still highly wind-resistant and breathable
- Carhartt FR label sewn on back seam
- Meets the performance requirements of NFPA 70E standards
- Color: Dark Navy
- One Size Fits All

CAR100165

\$24.99



Dragon Wear™ Dual Hazard Beanie

- Fire-resistant, dual hazard, 4-way stretch beanie compatible with hard hats.
- Lightweight warmth and was designed to be worn comfortably under a hard hat.
- Fleece interior and flat-lock seam construction provides all day comfort
- Excellent 4-way stretch, warmth, wicking, and breathability in a variety of temperatures
- High/low interior grid structure enhances airflow and dry time
- Fabric Polartec® Power Stretch FR®: 9.2oz (43% Rayon, 39% Modacrylic, 14% Para-aramid, 4% Spandex)
- HRC2, Arc Rating (ATPV) 15 cal/cm2

DRADFB900DH One Size Fits All

\$18.86



PIP® Single-Layer ARC/FR Ultrasoft Balaclava 12.1 Cal/cm2

- ARC/FR Ultrasoft 6.5oz. Rib Knit Single Layer
- ASTM F1506
- ATPV 12.1 HRC 2
- Navy
- One Size Fits All

PIP9100HDFR12

\$25.00

PIP® Arc Rated Traffic Vest

- ANSI/ISEA 107 Class 2
- Durable GlenGuard® modacrylic fabric
- 2" 3M Scotchlite FR reflective tape
- FR hook & loop closure, (1) inside lower pocket
- Meets ASTM 1506
- Arc rating: ATPV 5.1 cal/cm2
- **To be worn over Arc Rated Clothing Only. Not meant to be worn alone or over Non-Arc Resistant apparel.**

PIP3052100M	M	\$74.00
PIP3052100L	L	\$74.00
PIP3052100XL	XL	\$74.00
PIP30521002XL	2XL	\$74.00
PIP30521003XL	3XL	\$74.00
PIP30521004XL	4XL	\$74.00
PIP30521005XL	5XL	\$74.00



Carhartt® Men's Flame-Resistant High-Visibility 5-Point Breakaway Vest

- 6.5 ounce FR mesh fabric that blends 85% modacrylic and 15% Kevlar®
- 3M™ Scotchlite™ FR reflective material #8935.
- 5 breakaway points: one FR hook-and-loop closure on the front, two on the sides and two on the shoulders.
- Lime.

CARFRV005S	S/M	\$76.00
CARFRV005L	L/XL	\$76.00
CARFRV0052	2XL/3XL	\$84.00
CARFRV0054	4XL/5XL	\$84.00



Carhartt® Men's Flame-Resistant High-Visibility Long-Sleeve T-Shirt class 3

- Original fit shirt
- 7.75-ounce knit; 61% modacrylic/32% cotton/ 7% polyester
- Rib-knit collar & cuffs
- Side-seamed construction - less twisting
- Carhartt FR and HRC 2 labels sewn on chest pocket
- Segmented trim performs through 75 home launderings
- ANSI/ISEA 107-2010 and NFPA 70E standard, and meets ANSI Class 3, Level 2 visibility standards with 3M™ Scotchlite™ Reflective Material
- Made from inherently flame-resistant fabric
- HRC 2 • ATPV 10.0
- Color: Bright Lime

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL	•	•	•	•	•	•	•	•

CARFRK003BL	Specify Size Above
Standard Sizes	\$99.00
Extended Sizes (grayed boxes)	\$110.00

Carhartt® Men's Flame-Resistant High-Visibility Heavyweight Hooded Zip-Front Sweatshirt class 3

- Original Fit Heavyweight, 14.25 -ounce, FR fleece, 69% modacrylic/27% cotton/ 4% polyester blend
- Releases stains with Stain Breaker™ technology
- Anti-odor control
- Three-piece hood construction with adjustable draw-cord closure
- Two front hand-warmer pockets
- Carhartt FR and HRC 2 labels sewn on pocket
- ANSI class 3, level 2 compliant, 3M™ Scotchlite™ reflective material; segmented trim (#5510) maintains performance through 75 home launderings
- 360° visibility with "X" pattern on back
- Meets ANSI Class 3, Level 2 standards
- Meets ANSI/ISEA 107-2010
- Meets the performance requirements of NFPA 70E standards
- Inherently Flame-Resistant Fabric

	S	M	L	XL	2XL	3XL	4XL	5XL
REGULAR	•	•	•	•	•	•	•	•
TALL	•	•	•	•	•	•	•	•

CAR100460	Specify Size Above
Standard Sizes	\$195.00
Extended Sizes (grayed boxes)	\$225.00



NASCO™ ArcLite™ Rainwear • 1000 Series

- 6 oz/yd² PVC/Nomex system • Arc resistant (ASTM F1891, NFPA 70E)
- Dialectically Welded Seams • Available up to size 5XL. Call for pricing.



Waist Length Jacket

- Hood-in-collar
- Non-conductive zipper front with dual over fly front closure and snaps
- Nomex mesh ventilation system with fall protection access
- 3M Scotchlite 1.5" reflective strip at bottom hem, sleeve cuff, down front closure, across cape back

Yellow	International Orange		
NAS1103JYS	NAS1103JBOS	S	\$115.00
NAS1103JYM	NAS1103JBOM	M	\$115.00
NAS1103JYL	NAS1103JBOL	L	\$115.00
NAS1103JYXL	NAS1103JB0XL	XL	\$115.00
NAS1103JY2X	NAS1103JB02X	2XL	\$118.00
NAS1103JY3X	NAS1103JB03X	3XL	\$121.00

Full Length Coat • 48"

- Hood-in-collar
- Non-conductive zipper front with dual over fly and snaps
- Nomex mesh ventilation system with fall protection access
- 3M Scotchlite 1.5" reflective strip at waist, sleeve cuff, down front closure, across cape back

Yellow	International Orange		
NAS1103CYS	NAS1103CBOS	S	\$158.00
NAS1103CYM	NAS1103CBOM	M	\$158.00
NAS1103CYL	NAS1103CBOL	L	\$158.00
NAS1103CYXL	NAS1103CB0XL	XL	\$158.00
NAS1103CY2X	NAS1103CB02X	2XL	\$162.00
NAS1103CY3X	NAS1103CB03X	3XL	\$162.00



Bib Style Trouser

- Quick-release suspender system
- Fly front with snap
- Velcro type leg cuff adjusters
- 3M Scotchlite 1.5" reflective strip around calves

Yellow	International Orange		
NAS1101TYS	NAS1101TBOS	S	\$73.00
NAS1101TYM	NAS1101TBOM	M	\$73.00
NAS1101TYL	NAS1101TBOL	L	\$73.00
NAS1101TYXL	NAS1101TB0XL	XL	\$73.00
NAS1101TY2X	NAS1101TB02X	2XL	\$77.00
NAS1101TY3X	NAS1101TB03X	3XL	\$81.00

NASCO™ ArcLite™ Rainwear • HiVis 1500 Series

- 8 oz/yd² PVC/Nomex system • Arc resistant (ASTM F1891, NFPA 70E)
- High visibility (ANSI 107-2010 Compliant) • Dielectrically Welded Seams
- Waterproof • Available up to size 5XL. Call for pricing.

Waist Length Jacket

- 3-piece hood-in-collar
- Non-conductive zipper front with dual over fly front closure
- Nomex mesh ventilation system with fall protection access
- 3M Scotchlite 2" reflective strip at biceps, chest, harness over shoulders
- ANSI 107 Class 3, Level 2

Fluorescent Yellow Fluorescent Orange

NAS1503JFYS	NAS1503JFOS	S	\$115.00
NAS1503JFYM	NAS1503JFOM	M	\$115.00
NAS1503JFYL	NAS1503JFOL	L	\$115.00
NAS1503JFYXL	NAS1503JFOXL	XL	\$115.00
NAS1503JFY2X	NAS1503JFO2X	2XL	\$119.00
NAS1503JFY3X	NAS1503JFO3X	3XL	\$123.00



Full Length Coat • 48"

- 3-piece hood-in-collar
- Non-conductive zipper front with dual over fly and snaps
- Nomex mesh ventilation system with fall protection access
- 3M Scotchlite 2" reflective strip at biceps, chest, harness over shoulders
- ANSI 107 Class 3, Level 2

Fluorescent Yellow Fluorescent Orange

NAS1503CFYS	NAS1503CFOS	S	\$162.00
NAS1503CFYM	NAS1503CFOM	M	\$162.00
NAS1503CFYL	NAS1503CFOL	L	\$162.00
NAS1503CFYXL	NAS1503CFOXL	XL	\$162.00
NAS1503CFY2X	NAS1503CFO2X	2XL	\$166.00
NAS1503CFY3X	NAS1503CFO3X	3XL	\$170.00



Bib Style Trouser

- Quick-release suspender system
- Fly front with snap
- Velcro type leg cuff adjusters
- 3M Scotchlite 2" reflective strip around calves and knees
- ANSI 107 Class 3, Level 2

Fluorescent Yellow Fluorescent Orange

NAS1501TFYS	NAS1501TFOS	S	\$76.00
NAS1501TFYM	NAS1501TFOM	M	\$76.00
NAS1501TFYL	NAS1501TFOL	L	\$76.00
NAS1501TFYXL	NAS1501TF0XL	XL	\$76.00
NAS1501TFY2X	NAS1501TF02X	2XL	\$80.00
NAS1501TFY3X	NAS1501TF03X	3XL	\$84.00





Chippewa® 9" Steel Toe Super Logger

- Leather: Bay Apache Waterproof
- Construction: Goodyear® Leather Storm Welt, Chip-A-Tex® Waterproof Bootie
- Waterproofing: Chip-A-Tex® Waterproof Bootie
- Lining: Ruby Dri Lex® 2000
- Shank: Triple Ribbed Steel
- Outsole: Vibram® Tacoma Yellow Plug Logger
 - Midsole: 4 Iron Rubber / 6 Iron Robus Combination
- Hardware: Antique Brass Non Tarnishable
- Laces: Heavy Duty Waxed Sta-Tied
 - Insole: Texon® 460 Waterproof
 - Insulation: 400 Grams Of 3M™ Thinsulate® Ultra
 - Electrical Hazard: ASTM Electrical Hazard Rated
 - Color: Brown
 - Made in the USA
 - Sizes: E, EEE(6-12, 13, 14)

		MEN'S SIZES												
		6	7	8	9	10	11	12	13	14				
WIDTH	E	•	•	•	•	•	•	•	•	•	•	•	•	
	EEE	•	•	•	•	•	•	•	•	•	•	•	•	

CHP25405	Steel Toe, Insulated	\$275.95
CHP25407	Steel Toe	\$275.95



Chippewa® 8" Steel Toe Lace-To-Toe Logger

- Leather: Bay Apache Waterproof
- Construction: Goodyear® Leather Welt / Chip-A-Tex® Waterproof Bootie
- Lining: Maple Taibrelle®
- Shank: Steel
- Outsole: Vibram® One Piece Yellow Plug Logger
- Midsole: 4 Iron Rubber / Leather Robus
 - Hardware: Antique Brass Non Tarnishable
 - Laces: Heavy Duty Waxed Sta-Tied
 - Insole: Texon®
 - Insulation: 400 Grams Of 3M™ Thinsulate® Ultra
 - Electrical Hazard: ASTM Electrical Hazard Rated
 - Color: Brown
 - Made in the USA
 - Sizes: Medium, Wide (6-12, 13, 14)

		MEN'S SIZES												
		6	7	8	9	10	11	12	13	14				
WIDTH	M	•	•	•	•	•	•	•	•	•	•	•	•	
	W	•	•	•	•	•	•	•	•	•	•	•	•	

CHP73103	Steel Toe, Insulated	\$219.95
CHP73101	Steel Toe	\$205.95

La Sportiva® Makalu®

- 3.0mm Idro-Perwanger leather upper for classic mountain boot performance and fit
- Full steel shank boot
- Accepts an automatic crampon and kick steps in snow all day without a crampon if needed
- Protective Vibram® rubber rand for toe protection
- EZ rollerball hardware for easy lace up
- UPPER: 3mm Idro-Perwanger Roughout Leather/Vibram® rubber rand/ removable EZ Flex tongue with Dry-Best® lining
- 8mm MtnFlex Insole with 1.5mm Dacromet-coated full steel shank
- SBR Aircushion Midsole
- Skywalk® MPE Sole
- COLOR: Natural



LAS238 Size 6-14 (1/2 sizes) **\$305.00**



Hoffman® Premium Boot Oil

- Highly recommended on all Hoffman boots to protect and preserve leather for years of service
- Contains natural oils, beeswax and propolis that won't harm the leather or clog the pores
- Goes on fast and easy with the dauber provided and keeps your boots oil correctly.
- Repels snow and water longer, better
- Resists salt, chemicals, corrosives
- Restores with natural oil to resist cracking and dry rot
- Allows leather to breathe
- 16 oz.

HOFPREMIUMOIL **\$14.00**

Hoffman® Premium Boot Dressing

- Highly recommended on all Hoffman boots to protect and preserve leather for years of service
- Contains natural oils, beeswax and propolis that won't harm the leather or clog the pores
- Goes on fast and easy with the doober provided and keeps your boots oil correctly
- Repels snow/water longer, better
- Resists salt, chemicals, corrosives
- Restores with natural oil to resist cracking and dry rot
- Allows leather to breath
- Approved for waterproof footwear.
- Manufactured by Obenaufs. We've determined this to be your best protection and value

HOFPBD4	4 oz	\$10.50
HOFPBD8	8 oz	\$14.00



Hoffman® 10" Lightweight Powerline Lineman's Boots

- For lineman who work in warmer temperatures or for those who want a lightweight climbing boot with all the bells and whistles.
- Double midsole and our DUAL STEEL SHANKS provide climbing support
- Also available in non-insulated and a 400 gram insulated choice
- A rebuildable vibram lug sole provides excellent wear and an added climbing heel adds climbing safety.
- Water resistant liner will keep you dry no matter what the weather is doing.

- Leather - cordura upper provides breathability to help keep you cool.
- Foot orthotic is included with every pair.
- Although this boot contains a waterproof bootie and failure of the bootie is very rare, we are unable to guarantee the waterproofness of the boot.

HOFPOWER Plain Toe \$312.00

- A foot orthotic included

MEN'S SIZES		7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	13	14
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•	•	•
	EE													

HOFSTPOWER Composite Toe \$318.00

- Composite Toe Meets F-2413-11 MI/75 C/75 standards
- Cushion insole included

MEN'S SIZES		5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	13	14	15
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	EE																		

HOFEHPOWER EH Composite Toe \$320.00

- Composite Toe
- EH Approved Boot

MEN'S SIZES		7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	13	14
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•	•	•
	EE													

Hoffman® Composite Toe Dri-Line Boots - 10"

- Keep your feet dry when conditions are wet
- Highly advanced Sympatec waterproof membrane keeps water out and adds cushion and comfort
- Dual steel shanks provide extra arch support
- 7-7 1/2" brown waterproof leather upper that provides leg support
- Climber side patch, solid brass hooks and eyelets, supportive heel counter, Vibram lug sole and
- Three rows of durable stitching help prolong the life of the boot.

- Meets ASTM F-2413-05 MI/75 C/75 safety standards and is EH approved
- Brown
- Also available in 16"

MEN'S SIZES		7	7 1/2	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	13	14
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•	•	•
	EE													

HOF10COMPDL 10" \$305.00

Hoffman® Steel-Toe Roper Pull-On Lineman Boots - 10"

- Designed to be a no nonsense, easy-on line boot with a more casual style
- Double steel shank system provides climbing support when needed
- Combination of leather and Cordura means a lighter weight boot that breathes well
- A waterproof bootie is added to help keep you dry in all kinds of weather
- Also available in plain toe

HOFSTROPER

\$280.00



Hoffman® Nylon Laces

Extra heavy, long wearing nylon laces. Same quality laces found in all Hoffman® boots.

Boot Height (lace length)

HOFNLACE	10" (72" Lace)	\$3.00
HOFNLACE	12" (90" Lace)	\$3.25
HOFNLACE	14" (108" Lace)	\$3.50
HOFNLACE	16" (120" Lace)	\$3.75

Hoffman® Latex Seam Sealant

To help keep your boots dry inside, periodically add this latex sealant to any of the seams and to pac boots where the rubber and leather are sewn together. For extreme conditions, add a second coat. 2 oz.

HOFSEAL \$5.50





Wesco® Voltfoe® 16" • Composite Toe

- Semi Lace-to-Toe with Composite Toe
- #109 Vibram® Sole
- Meets ASTM F2413-05 MI/75 C75 EH PR and CAN/CSA Z195-09 standards
- 7 oz. full-grain leather
- Leather side flap
- Non-corrosive, ribbed, slightly arched steel shank for comfort and maximum support
- Removable false tongue
- Double full-leather insoles
 - Full-leather welt construction
 - Puncture resistant sole
 - American Made

		MEN'S SIZES										
		8	8 ½	9	9 ½	10	10 ½	11	11 ½	12	13	14
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•
	E	•	•	•	•	•	•	•	•	•	•	•
	EE											

WESEHBK5716109 #109 Vibram® Full Lug Sole Black **\$433.00**

WESEHBR57161270 #1270 Vibram® Mini Lug Sole Brown **\$433.00**

Wesco® Highliner® 16" • Soft Toe

- Black
- Lace-to-Toe
- 430 Vibram® Sole
- 7 oz. full-grain leather
- Leather side flap
- Non-corrosive, ribbed, slightly arched steel shank for comfort and maximum support
- Leather 10 - 10 ½ iron (.219" thick) half-slip for added support in the arch
- Recessed metal heel breastplate (offers protection from climbing spurs)
- Removable false tongue
- Steel Sideplate

		MEN'S SIZES										
		8	8 ½	9	9 ½	10	10 ½	11	11 ½	12	13	14
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•
	E	•	•	•	•	•	•	•	•	•	•	•
	EE											

WES9716 **\$418.00**



Wesco® Groundout® 10" • Composite Toe

- Black
- Semi Lace-to-Toe with Composite Toe, 10"
- #109 Vibram® Sole
- Meets ASTM F2413-05 MI/75 C75 EH PR and CAN/CSA Z195-09 standards
- 7 oz. full-grain leather
- Leather side flap
- Non-corrosive, ribbed, slightly arched steel shank for comfort and maximum support
 - Removable false tongue
 - Double full-leather insoles
 - Full-leather welt construction
 - Puncture resistant sole

		MEN'S SIZES										
		8	8 ½	9	9 ½	10	10 ½	11	11 ½	12	13	14
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•
	E	•	•	•	•	•	•	•	•	•	•	•
	EE											

WESEHBK5710109 **\$404.00**

Wesco® Highliner® 10" • Soft Toe

- Black
- Lace-to-Toe
- #100 Vibram Sole
- 7 oz. full-grain leather
- Leather side flap
- Non-corrosive, ribbed, slightly arched steel shank for comfort and maximum support
- Leather 10 - 10 ½ iron (.219" thick) half-slip for added support in the arch
- Recessed metal heel breastplate offers protection from climbing spurs
- Removable false tongue
- Steel sideplate not available with #100 Vibram® sole

		MEN'S SIZES										
		8	8 ½	9	9 ½	10	10 ½	11	11 ½	12	13	14
WIDTH	D	•	•	•	•	•	•	•	•	•	•	•
	E	•	•	•	•	•	•	•	•	•	•	•
	EE											

WES9710100 **\$389.00**



Silicone

Recommended for Black Fire leather to help keep your boots water-resistant.

WESSILICONE **\$11.00**

Mink Oil

Recommended for when your boots will be stored for an extended period of time.

WESMINKOIL **\$11.00**



Wesco® Steel Sideplates • Pair

Protect the sole of Highliner boots when climbing

WESSIDEPLATES **\$3.00**

Wesco® Bee Oil & Bee Seal Plus • Combo Kit

- Use Bee Oil as a primer to condition leather
- Follow with Bee Seal Plus for water repelling

WESBOBSPC **\$15.00**



Carhartt® Sizing Chart

Shirts & Jackets

	S	M	L	XL	2XL	3XL	4XL
Chest	34-36	38-40	42-44	46-48	50-52	54-56	58-60
Waist	28-30	32-34	36-38	40.5-43	45.5-48	51-54	58-62
Hip	34-36	38-40	42-44	46-48	50-52	54-56	58-60

If your chest and/or waist measurement falls between sizes, order the larger size.

•Pants

	S	M	L	XL	2XL	3XL	4XL
Waist	28-30	31-34	35-38	39-42	43-46	47-50	51-54

•Outerwear & Coveralls

Order based off of your Chest Measurement

•Overalls & Biberalls

Order based off of your Waist Measurement

If your waist measurement falls between sizes, order the larger size.

Regular, Short and Tall Sizes

Height	Garment Length	Length of Overall Inseam
5'3" - 5'7"	Short (Coveralls only)	28
5'7" - 5'11"	Regular	30
5'11" - 6'3"	Tall	32

Outerwear and Long-Sleeve Shirts:

- Tall sizes are 2" longer than Regular Sizes.
- Tall Long-sleeve lengths are 2" longer than Regular Sleeve Lengths

Coveralls:

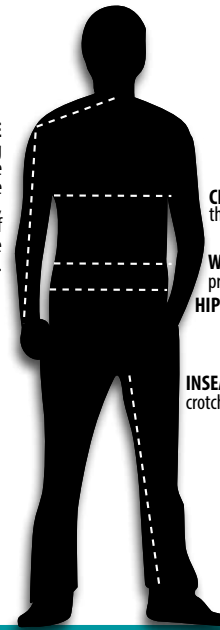
- Tall sizes are 1" longer in the torso than Regular Sizes.
- Tall sleeve lengths are 1" longer than Regular Sleeve Lengths
- Short Long-sleeve lengths are 1" shorter than Regular Sleeve Lengths

Inseam Lengths

Your Normal Inseam Preference	Order This Inseam Measurement
27-28	28
29-30	30
31-32	32
33-34	34
35-36	36

If your inseam measurement falls between sizes, order the longer size.

SLEEVE
With arms hanging by the side, measure from center of the back, across shoulder, down the outside of the arm to the bottom of the wrist.



CHEST Taken around the fullest part

WAIST Taken where you prefer the waistband
HIPS

INSEAM Take from the crotch to the bottom

PIP™ Sizing Chart

	S	M	L	XL	2XL	3XL	4XL	5XL	6XL
Chest	36-38	40-42	44-46	48-50	52-54	56-58	60-62	64-66	68-70

Saf-Tech™ Sizing Chart

•Bibs & Coveralls

	S	M	L	XL	2XL	3XL	4XL	5XL
Chest	34-36	38-40	42-44	46-48	50-52	54-56	58-60	62-64
Reg Inseam	29.5	29.5	29.5	29.5	30	30	30	30
Short Inseam	28	28	28	28	28	28.5	28.5	28.5
Tall Inseam	31	31	31	31	31.5	31.5	31.5	31.5

•Shirts & Jackets

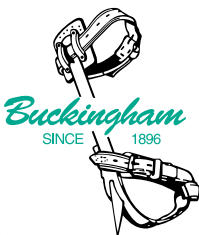
REGULAR	S	M	L	XL	2XL	3XL	4XL	5XL
Neck	14-14.5	15-15.5	16-16.5	17-17.5	18-18.5	19-19.5	20-20.5	21-21.5
Sleeve	33.5	34	34.5	35	35.5	36	36.5	37
Chest	34-36	38-40	42-44	46-48	50-52	54-56	58-60	62-64
TALL	S	M	L	XL	2XL	3XL	4XL	5XL
Neck	14-14.5	15-15.5	16-16.5	17-17.5	18-18.5	19-19.5	20-20.5	21-21.5
Sleeve	35	35.5	36	36.5	37	37.5	38	38.5
Chest	34-36	38-40	42-44	46-48	50-52	54-56	58-60	62-64

Dragon Wear™ Sizing Chart

	S	M	L	XL	2XL	3XL	4XL	5XL
Sleeve	32¾	33¾	34	34¾	35¾	35¾	36½	37¾
Chest	35-36	37-40	41-44	45-48	49-52	53-56	57-60	61-69
Waist	29-30		35-38		43-46		51-54	
Hip	32-34	35-38	39-42	43-46	47-50	51-54	55-58	59-62
Inseam	31	32	33	34	35	-	-	-

Product Lines

Midwest Unlimited proudly carries these brand names and more.
 If you are looking for an item not found in our catalog and the brand is listed here
 or on our website, just give us a call and we can get it for you.



A

Adjustable Rope Sling	77
Anchor Hooks	70
Anchors, Fall Protection	15
Anchors, Rigging	72-73
Aprons, Bucket	43-44
Arc Shield, Hard Hat	57
Arm Protectors	54
Automatic Level	121

B

Bags, Bolt	34-35
Bags, Equipment	40-42
Bags, Glove	49
Belts, Lineman	2-5
Bit, Isolated	87
Bits	109
Blanket Clamps	56, 94
Blankets, Grounding	56
Blocks, Rope	72-73
Blocks, Wire Rope	76
Bolt Bags and Pouches	34-35
Bolt Cutters	108
Boots	148-150
Bucket Aprons & Boards	43-45
Bucket Holsters	47
Bucket Hooks	46
Bucket Restraint	18
Buckets, Canvas	36-39

C

Cable Climb	16
Cable Cutters	105-108
Cable Grabs	17
Cable Prep	112-115
Canisters, Hot Sticks	95
Capstan & Mounts	75
Cathead	75
Chin Straps	57
Clamp Meters	123
Clamps, Blanket	56, 94
Climber Footplates	27
Climber Pads	20-24
Climber Screws, Replacement	27
Climber Sleeves	27
Climber Straps	25
Climbers	20-24
Clip Hooks	70
Clips, Glove	52
Cooling Towel	58
Coveralls, Flame-Resistant	143
Crimper, Insulated	84
Crimping Tools	109
Cutters	105-108
Cutters, Insulated	84

D

Digital Distance Measuring	121
DOT	64-65
Drill Bits	109
Drill, Gas Powered	109
Driver Sets, Insulated	86
Drivers	96-97
Dynamometers	125

E

Equipment Bags	40-42
Exothermic Grounding	80

F

Fire Extinguishers	65
First Aid Kits	66-67
Flagging	65
Flame-Resistant Clothing	138-147
Flashlights	130-133
Foot Straps	25
Footplates, Climber	27
Fork Meters	124
Fuse Cap	95

G

Gaff Gauges	27
Gaff Guards	26-27
Gaff Maintenance Kits	27
Gaff Shield	26
Gaffs	20-24
Gear Bags	40-42
Glove Clips	52
Glove Protectors	51-52
Gloves	50-55
Glove Bags	48-49
Grips	110-111
Grounding	80-83
Gut Straps	6

H

Hammers	116
Handbooks, Safety	63
Handline Blocks	72
Handline Hooks	70
Handline Keepers	32
Handline Rope	63
Handlines	70-71
Hard Hat Visors	58
Hard Hats	57
Harnesses	7-9
Headlamps	134-135
Headwear, Flame-Resistant	145
Hex Drivers, Insulated	86
Hex-Key Sets	101
Hi-Visibility, Flame-Resistant	146
Hoists	74
Hold Cards & Clamps	64
Holsters	30-31
Holsters, Bucket	47
Holsters, Leather	30-31
Hook Style Meter	125
Hooks	77
Hooks, Bucket	46
Hooks, Direct Connect for Slings	79
Hooks, Handline	70
Hooks, Swivel Lifting	77
Hose Bags	39
Hot Sticks	92-93
Hot Stick Accessories	93-95
Hot Stick Maintenance	95

I

Insect Repellent	67
Insulated Tools	84-90
Insulating Gloves	50

J

Jackets, Flame-Resistant	141-142, 144
Jeans, Flame-Resistant	138
Jumper Hooks	94
Jumpers	81

K

Kits, Lineman	28-29
Knife Pouches	30-31
Knife, Insulated	84
Knives	117-119

L

Ladders	128-129
Lanyards, Fall Protection	14-15
Lanyards, Positioning	10-12
Lanyards, Tool	32-33
Leather Protectors	51-52
Leather Utility Gloves	53
Levels	120
Lights	130-137
Lineman Belts	2-5
Lineman Kits	28-29
Load Break	91

M

Marking	64-65
Measuring	120
Meters	122-124
Mounts for Capstan	75

N

Nut Drivers	97
Nut Drivers, Insulated	87

O

Oval Buckets	36-37
Overalls, Flame-Resistant	142-144

P

Pliers	103-105
Pliers, Insulated	84-85
Pocket Knives	118-119
Pole Punch	117
Pole Straps	10-12
Positioning Straps	10-12
Pouches	34-35
Protectors, Arm	54
Protectors, Glove	51-52

R

Radios & Accessories	127
Rainwear, Flame-Resistant	147
Rescue Devices	18-19
Rescue Dummies/Training	62-63
Rescue Strap	63
Rodeo Training	63
Roll-up Signs	64
Rope	68
Rope Blocks	73
Rope Sling, Adjustable	77
Rope, Handline	63
Round Buckets	38-39
Round Slings	79
Rubber Insulating Gloves	50

S

Safety Courses	60-61
Safety Glasses	58-59
Safety Handbooks	63
Scissors	117
Screwdrivers	96-97
Screwdrivers, Insulated	87
Search Lights	136
Shackles	177
Shirts, Flame-Resistant	139-140
Side-Cutting Pliers	104-105
Sizing, Lineman Belts	2-5
Sledge Hammers	116
Sleeve Bags	49
Slings, Round	79
Slings, Web	78
Snap Hooks	70
Sockets	102
Sockets, Insulated	87
Splice, Grounding	81
SRLs	13
Staple Sticks	117
Strap, Rescue	63
Straps, Climber	25
Straps, Pole/Positioning	10-12
Stripper, Cable	112-114
Strobe Lights	137
Supporter Straps/Gut Straps	6
Suspenders	6
Swivel Lifting Hooks	77

T

Tagging	64
Tape Measures	120
Tension Meter	125
Theodolite	121
Thimbles	77
Tool Kits, Insulated	90
Tool Aprons	43-44
Tool Boards	44-45
Tool Buckets	36-39
Tool Holsters	30-31
Tool Tethers	32-33
Tow Rope	69
Towel, Cooling	58
Traffic Cones and Signs	64-65
Training	60-63
Transits	121
Trauma Safety Strap	18
Truck Lights	136-137
Two-Way Radios & Accessories	127

U

Utility Gloves	53
----------------	----

V

Vertical Lifeline	16
Visors, Hard Hat	58
Voltage Testers	125

W

Web Slings	78
Wire Rope Blocks	76
Wrench Holders	32
Wrenches	98-100
Wrenches, Insulated	88-89



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