

Tools and Equipment For Live Line Working



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Slot Together Switching Rods

Glass Fibre Slot Together Operating Rods manufactured to EA TS 43-81

Suitable for Fusing, Switching, Earthing and Tree Trimming applications

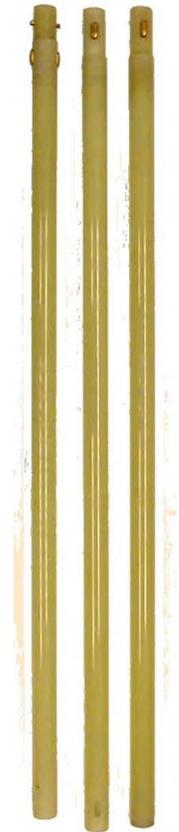
Slot Together Rods are complete flexibility, strong (both electrical and mechanical).

Each section is 1.2m (4 Feet) in length. 1m short section available also foam filled



Switching Rod Bags

Switching Road Bags
Available in Canvas or PVC



Telescopic Rods For Transmission Earthing

The telescopic pole comprises three sections

extended overall length of 7.2m (23'7") and a closed length of 2.55m (8'4").

The Intermediate spring loaded locking pegs permit intermediate lengths of 5.5m (18") and 6.2m (20'4").

The lower pole section has an open weave bonded hand grip.

Take-Apart Hot Sticks Telescopic Switching Rods BLUE STRIPE®

Introducing the industry's first round telescopic hot stick with removable sections. Our patent pending design uses interlocking channels that line up with our BLUE STRIPE® feature creating strong joints that come apart with a push of a button.

The BLUE STRIPE® Take-Apart Hot Stick uses our advanced composite construction with epoxy resin and unique non-woven fiberglass to create a smooth, durable surface that resists water absorption.

Features:

- **Removable sections offer versatility and easy maintenance**
- **Round sections operate smoothly without binding or sticking**
- **“No pinch” buttons are durable and easy to operate**

No tools are required for disassembly.

Each section is tested to 100kV per foot.

Part No	Extended Length	Retracted Length	No Sections	Bag
USTS-TA-045	13.7 m	1.8m	7	USSB-006
USTS-TA-040	12.2 m	1.75m	6	USSB-006
USTS-TA-035	10.6 m	1.72m	5	USSB-006
USTS-TA-030	9.1 m	1.67m	4	USSB-008
USTS-TA-025	7.6 m	1.62m	3	USSB-008
USTS-TA-020	6.2 m	1.6m	2	USSB-008
USTS-TA-016	4.9 m	1.54m	2	USSB-008



Telescopic Measuring / Switching Rods

The BLUE STRIPE[®] Measuring Stick is our standard Telescopic Hot Stick (no tip lock) with large, clear print running along side our patented BLUE STRIPE[®] feature.

This stick allows for easy and accurate measuring while still functioning as a normal telescoping hot stick.

Our Measuring Stick is the only round telescoping hot stick available in **EIGHT different sizes**. Choose from 16' to 50', English or Metric versions.

Our epoxy resin and unique non-woven fiberglass construction creates a smoother surface that resists water absorption. Our CNC machined spline end and buttons will hold up to the rigors of daily use

Part No	Open Length	Closed Length	Sections	Bag
USTS-050-MM	15.0m	1.72m	5	USSB-008
USTS-045-MM	13.7m	1.68m	5	USSB-006
USTS-040-MM	12.2m	1.65m	5	USSB-006
USTS-035-MM	10.6m	1.60m	5	USSB-006
USTS-030-MM	9.1m	1.57m	4	USSB-006
USTS-025-MM	7.6m	1.52m	3	USSB-005
USTS-020-MM	6.2m	1.47m	2	USSB-005
USTS-016-MM	4.9m	1.42m	2	USSB-005



Comes With Standard Spline End



Plastic Hook Option (PH)

SK212 Measuring Rod

SK212 New heavy duty version

- New Locking Mechanism
- Non-conductive
- Can withstand at 75kv per 30cm for 5 minutes
- Made of high quality, light, strong and durable fibreglass
- Linear accuracy exceeds 1/2000
- Numbers on the digital tape are clear and easy to read
- Telescopic for easy carrying
- Size 8m/26 feet



Shotgun Sticks BLUE STRIPE®

Utility Solutions offers both internal rod and external rod fixed length shotgun sticks. BLUE STRIPE® Shotgun Sticks are manufactured from the highest electrical grade insulated fiberglass and meet or exceed all applicable industry performance criteria including ASTM F711, IEC 855, and OSHA Sub. R Section 1910.269 (J) and OSHA Sub. V Section 1926.951(d).

- **Replaceable hanger hooks.**
- **Patented BLUE STRIPE® feature. When the stripe is facing up, the stainless steel hook will open downward minimizing accidental drops.**
- **Stainless steel operating hook.**
- **Multiple rod guides ensure smooth operation.**
- **High performance closed cell foam prevents water absorption (external rod models).**
- **Rubber Boot or spline end.**

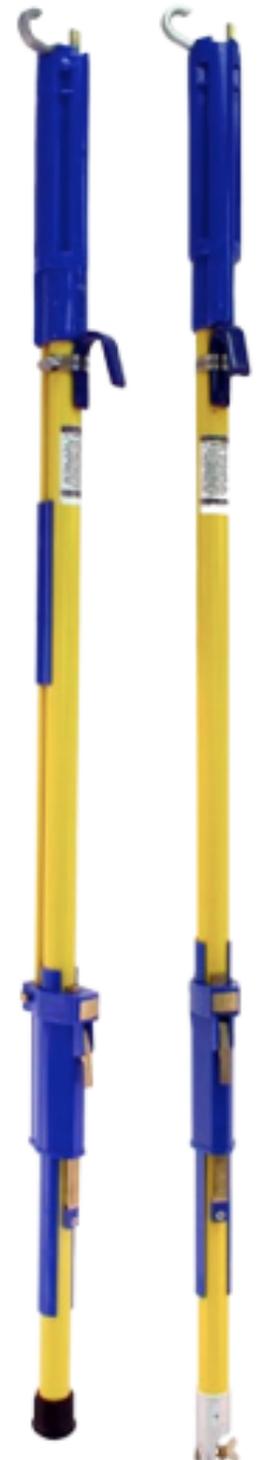
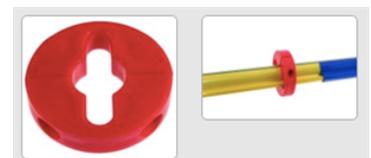
Standard model internal and external shotgun sticks utilize a full view side break hook (hook pivots in the horizontal plane in relation to the hook release trigger).

Add the -BBH designation* to any internal rod shotgun stick to specify a bottom break hook (hook pivots in the vertical plane in relation to the hook release trigger).

Shotgun sticks are available with two standard end options:

INTERNAL ROD	EXTERNAL ROD	SIZE	WEIGHT	PROTECTIVE BAG
with Rubber End Cap (EC)				
USSG-004-IREC	USSG-004-EREC	1.4 m	2 kg	USSB-005
USSG-006-IREC	USSG-006-EREC	2 m	2.35 kg	USSB-007
USSG-008-IREC	USSG-008-EREC	2.6 m	2.66 kg	USSB-009
USSG-010-IREC	USSG-010-EREC	3.2 m	3.09 kg	USSB-011
USSG-012-IREC	USSG-012-EREC	3.8 m	4.3 kg	USSB-012
with Universal Spline End (SE)				
USSG-004-IRSE	USSG-004-ERSE	1.4 m	2 kg	USSB-005
USSG-006-IRSE	USSG-006-ERSE	2 m	2.35 kg	USSB-007
USSG-008-IRSE	USSG-008-ERSE	2.6 m	2.66 kg	USSB-009
USSG-010-IRSE	USSG-010-ERSE	3.2 m	3.09 kg	USSB-011
USSG-012-IRSE	USSG-012-ERSE	3.8 m	4.3 kg	USSB-012

Order an optional Hand Guard (USSA-HG1) to clearly mark minimum distance.



Heavy Duty Substation Sticks Blue Stripe

Our Substation Sticks are robust, compact and built for heavy duty substation applications. Key features include:

- **Dual Button Design For Added Strength**
- **High Performance Closed Cell Foam Filled Inner Section**
- **Compact Telescopic Design**

DESCRIPTION	CLOSED	OPERATING LENGTHS	DIAMETER	WEIGHT	BAG	
USTS-H02	2 SECTION SUBSTATION STICK State Head Required	7' 6"	13', 12', 11', 10'	INNER: 1.25" OUTER: 1.5"	6lbs	USS010
USTS-H03-	3 SECTION SUBSTATION STICK State Head Required	7' 8"	18' 6", 17' 6", 16' 6", 15' 6", 13' 3", 12' 3", 11' 3", 10' 3"	INNER: 1.25" MIDDLE: 1.5" OUTER:	9lbs	USS010



Hot Stick Cloth & Wipes BLUE STRIPE®

Blue Stripe® Cloth

Size: 46cm x 46cm(approximately)

Microfiber silicone impregnated hot stick wiping cloth.

Our unique microfiber material both contains more silicone and traps more dirt, dust and debris.

Our cloth comes with a durable clear bag that is resealable.

The Blue Stripe® Cloth imparts a clear protective film of silicone on a hot stick.

Blue Stripe® Wipes

Daily use hot sticks wipes, premoistened with silicone to leave behind a thin protective water repellent surface.

Perform a light cleaning and leave a thin layer of silicone on your hot stick everyday to comply with OSHA requirements of daily inspection and wiping of high voltage rated fiberglass hot sticks. Our Blue Stripe® Wipes come in our convenient dispenser box to mount on wall.



ITEM NUMBER

DESCRIPTION

Hot Stick Wax & Cleaner BLUE STRIPE®



Blue Stripe® Hot Stick Wax

397gram cans

Our high grade Carnuba wax creates a high temperature, water resistant durable finish on fiberglass, gelcoat, painted metal and wood surfaces. A good coat of Carnuba wax on any fiberglass product is recommended on a routine basis. Carnuba wax inherently repels water and dirt to optimize dielectric properties.



Blue Stripe® General Purpose Cleaner

3,8 litre as mixed

We have created an effective neutral cleaner for tools, trucks, fiberglass, painted surfaces, rubber goods and most any non-absorbing surface. Our Blue Stripe® General Purpose Cleaner is pH balanced (non-acid, non-alkali), non-abrasive, biodegradable, non-flammable, non-toxic, mild on skin and does not require ventilation. Our freight saving bottle includes concentrated tablets that dissolve in water. Now you no longer have to pay to ship water. Simply fill and shake

ITEM NUMBER

DESCRIPTION

USTS-CLEANER

BLUE-STRIPE (TM) CLEANER

Cut Out Fuse Remover



The patented Grab-It™ offers a safe and simple method to remove and install overhead fuse barrels. It is a spline end attachment that allows total control of a fuse barrel, even in high winds.

Work smarter and prevent accidental drops with the Grab-It™.

The Grab-It™ easily attaches to any cutout. Simply sweep behind the fuse barrel, push up to engage the patented forks, then lift and remove.

It works on any size hot stick, from the ground or in a bucket.

The Grab-It™ is machined from aircraft grade aluminum to provide years of trouble free operation.

The Grab-It™ has no moving parts, no springs and no plastic parts to

- Grab-It-1** **100 AMP CUTOUT FUSE BARREL REMOVAL TOOL**
- Grab-It-2** **100 & 200 AMP CUTOUT FUSE BARREL REMOVAL TOOL**
- Grab-It-3** **SMU-20 POWER FUSE REMOVAL TOOL**
- F** **Optional Hi Vis Coating**



1

Sweep Behind Barrel



2

Engage Patented Forks



3

Lift

Cutout Bypass Tool

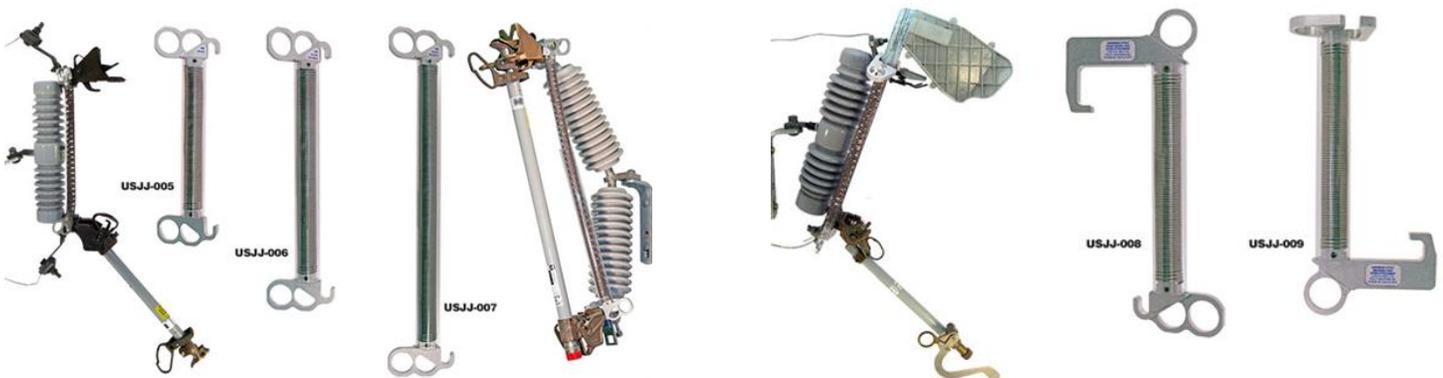
The Jack Jumper™ Cutout Bypass Tool permits a safe and quick method to bypass an overhead cutout without the tedious use of bulky jumper cables.

The tool is indispensable for fuse coordination tasks and permits easy bypass of an underground dip. The Jack Jumper™ Cutout Bypass Tool saves time and money, eliminates risk of service interruption and prevents accidental cross phasing.

Installation and removal of the Jack Jumper™ Cutout Bypass Tool is done with a shotgun stick



- USJJ-001-S JACK JUMPER FOR 15 kV CUTOUT W/ SOFT CASE
- USJJ-002-S JACK JUMPER FOR 27 kV CUTOUT W/ SOFT CASE
- USJJ-003-S JACK JUMPER FOR CHANCE 15 kV LOADBREAK CUTOUT
- USJJ-004-S JACK JUMPER FOR ABB 15 kV LOADBREAK CUTOUT W/ SOFT CASE
- USJJ-005-S JACK JUMPER FOR S&C SMD-20 15 kV POWER FUSE & 38 kV CUTOUT
- USJJ-006-S JACK JUMPER FOR S&C SMD-20 27 kV POWER FUSE
- USJJ-007-S JACK JUMPER FOR S&C SMD-20 35 kV POWER FUSE
- USJJ-008-S JACK JUMPER FOR CHANCE 27 kV LOADBREAK CUTOUT
- USJJ-009-S JACK JUMPER FOR ABB 27 kV LOADBREAK CUTOUT



LIGHT & BALANCED

The XLT line of Load Break Tools are specifically engineered to be light and maneuverable. The XLT-1 weighs under 5 pounds and is approximately 1 lb 3 oz lighter than the competition. The arm attachment, counter mechanism and other key components are centrally located so the weight of the tool is aligned with the hot stick attachment giving the user maximum control.

SAFE & RELIABLE

The Utility Solutions XLT product line has higher metal-to-metal clearance when fully extended, compared to the competition. This can reduce flash-over potential. The aluminum and fiberglass components are machined to very high tolerances and are designed for long life.

EASY RESET

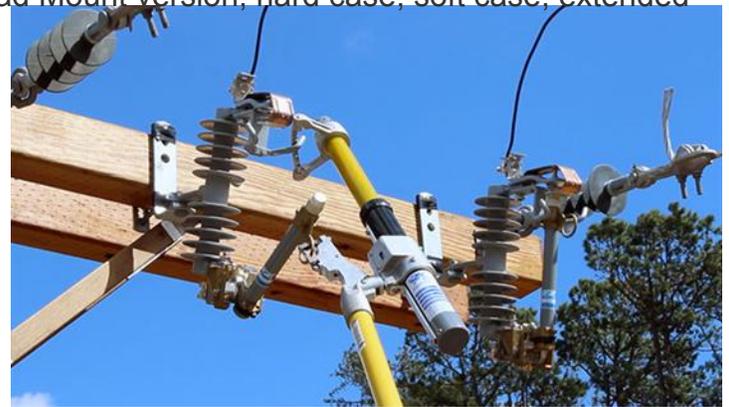
The XLT line was designed to be user friendly and simple to operate. The side reset button is easier than a plunger style and allows a lineman to keep their gloves on, eliminating pinched fingers.

LOW PROFILE

The low profile head enables our tool to reach switches that have animal guards installed. Our built-in counter is located in the body rather than the head allowing a smaller profile tool that is better balanced.

OPTIONS

The XLT line is offered with numerous options including a Pad Mount version, hard case, soft case, extended insulated hood and an economical non-counter version.



COMPARISON	LOAD-RANGER® USLR-XLT -1	COMPETITION	LOAD-RANGER® USLR-XLT -2	COMPETITION
MAXIMUM VOLTAGE	27 kV	27 kV	27 kV - 38 kV	27 kV - 38 kV
MAXIMUM AMPERAGE	900 AMP	900 AMP	900 AMP	900 AMP
WEIGHT	1.95 kg	2.5 kg	1.86 kg	2.72 kg
COUNTER AVAILABLE	OPTIONAL	MANDATORY	OPTIONAL	MANDATORY
METAL TO METAL CLEARANCE DURING STROKE (FLASH-OVER RESISTANCE)	205mm EST	178mm EST	310mm EST	254mm EST

BREAK-SAFE® 600 Load Break & Pick-up Tool

INDUSTRY FIRST

Introducing the industry's first portable switch fully rated from 7.2 kV to 27 kV at 600 amp for all three tool functions:

- **LOAD BREAK**
- **LOAD PICK-UP**
- **CONTINUOUS CURRENT DUTY**



SAFETY

The USBS-600 is designed with a patent pending internal safety lock. If the tool is not reset the tool will not open. An external, manual locking pin keeps the tool either locked open or closed, until the operator is ready. This tool features durable electrical grade fiberglass housings and a glove friendly design.

FEATURES

Some of the unique patent pending features include an extra large clamp capable of handling all wire sizes up to nearly 50mm diameter. Dual conductor bars allow the use of two mechanical jumper clamps which is needed to go above the typical 300 amp rating of mechanical jumpers.

ITEM NUMBER	DESCRIPTION
USBS-600-1	BREAK-SAFE 600 AMP LOAD-BREAK & PICKUP JUMPER CLAMP W/ FLOATING HEAD
-S	OPTIONAL SOFTCASE
SPECIFICATION	USBS-600
OPERATIONAL VOLTAGE	7.2 - 27 kV
LOAD BREAK RATING	600 AMP
LOAD PICK-UP RATING	600 AMP
CONTINUOUS CURRENT RATING	600 AMP
CONDUCTOR SIZE	All sizes up to 50mm dia.
WEIGHT	4.59 Kg
DIAMETER	approx. 88mm dia.
CLOSED LENGTH	838mm
OPEN LENGTH	1028mm

Break Safe Load Breaker

The BREAK-SAFE[®] is a jumper clamp that functions like a portable switch. It is designed to operate on overhead distribution lines in conjunction with a mechanical jumper.

The BREAK-SAFE[®] has three operating functions:

- **LOAD BREAK**
- **LOAD PICKUP**
- **CONTINUOUS CURRENT DUTY**

The BREAK-SAFE[®] is 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**



MINIMUM SAFE DISTANCE

In order to keep personnel at a safe distance, the BREAK-SAFE[®] is operated with an insulated fiberglass hot stick for load break and load pick-up functions.

The Yellow Safety Lock is also operated by a hot stick and helps prevent the tool from an unintended load break or pickup operation.

USBS-15-1-PS

BREAK-SAFE 15 kV LOADBREAK & PICKUP JUMPER CLAMP W/ FLOATING HEAD

USBS-15-2-PS

BREAK-SAFE 15 kV LOADBREAK & PICKUP JUMPER CLAMP W/ DUCKBILL HEAD

USBS-27-1-PS

BREAK-SAFE 27 kV LOADBREAK & PICKUP JUMPER CLAMP W/ FLOATING HEAD

USBS-27-2-PS

BREAK-SAFE 27 kV LOADBREAK & PICKUP JUMPER CLAMP W/ DUCKBILL HEAD

USBS-46-1-PS

BREAK-SAFE 46 kV LOADBREAK & PICKUP JUMPER CLAMP W/ FLOATING HEAD

USBS-46-2-PS

BREAK-SAFE 46 kV LOADBREAK & PICKUP JUMPER CLAMP W/ DUCKBILL HEAD

-S

OPTIONAL SOFTCASE

-H

OPTIONAL HARDCASE



Load Break Repair and Service

Factory Certified Repair services for our Load Break tools,
Repairing these products requires unique skills, parts and tools that are offered by our factory.

This ensures the safest and most reliable tools are in the field and ready for live line work.

Factory Trained Professional - Utility Solutions, Inc. trained and certified repair technician.

This enables them to have tools, parts and procedures necessary to offer the safest and most reliable tools and products to our customers

Safety - Our Factory Certified Repairs produce safe, consistent and reliable tools and products for live line work.

Our trained technician ONLY work on our tools and have access to the latest parts and procedures.

Fast Service - We can service tools and products in 10 business days or less

Our optional Advanced Approval Service can expedite the repair process even more.

This process allows us to repair your tools and get them back in the field faster.

Extended Warranty -Extended Warranty - Using our Factory Certified Repair Service includes a 1 year warranty on parts and labor

BREAK-SAFE® Models:

(parts not included, unless noted otherwise)

Level 1 - Applicable to all BREAK-SAFE® models

- Complete Tear Down & Inspection
- All Necessary Safety Updates
- Heat Run and Continuity Testing
- Update Maintenance Reminder Labels
- 1 Year Warranty on Parts and Labor²

Level 2 - Occurs if any Level 1 Tests are Failed

- All Level 1 Items Included
- Standard External Replacement Parts⁴
- Adjustments and Retests as needed
- 1 Year Warranty on Parts and Labor²



Level 2.5 - Occurs when Level 2 repairs require more parts

- All Level 1 Items Included
- Standard Internal Replacement Parts⁵
- Adjustments and Retests as needed
- 1 Year Warranty on Parts and Labor²

Level 3 - Occurs if there is major damage to tool

- All Level 1, 2, and 2.5 items Included
- Additional Parts not included in Level 2 or 2.5 (not included in price)
- 1 Year Warranty on Parts and Labor²

Jumper-T Parking Stand



Product Dimensions: 67mm x 30mm

Product Weight: 1.3kg

The Jumper-T is an insulated parking stand for temporary mechanical jumpers. It is made up of a 15" foam filled fiberglass pole, aluminum parking stand and duckbill clamp.

The Jumper-T can combine two shorter jumpers to create extra reach when needed and is a useful accessory when used with our BREAK-SAFE® tool. Simply move the jumper from the tools parking stand and secure it onto a Jumper-T to create an approved visible gap.

The USJT-001 has a straight aluminum parking stand approximately 11 1/4" long and 5/8" in diameter.

The USJT-002 uses a bent parking stand that is 3/4" in diameter.

This allows jumpers to be clamped in both the horizontal and vertical plane. Attaching jumpers on the vertical portion of the parking stand minimizes sag and reduces the potential for cross-phasing.

The duckbill clamp fits 4mm copper up to 31mm. The Jumper-T is rated for 300 Amperes Continuous Current and meets or exceeds all applicable industry performance criteria including OSHA 1926.951(d)(1) and ASTM F-711.

ITEM NUMBER

DESCRIPTION

USJT-001

"JUMPER-T" JUMPER CLAMP EXTENDER
(STRAIGHT BAR)

Tail Tamer™ – Temporary Conductor Clamp

The Tail Tamer™ (patent pending) is a revolutionary lineman invention that safely controls conductors during construction and maintenance.

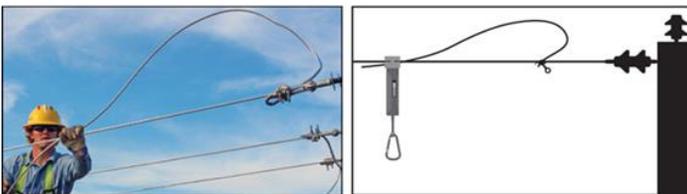
It is a temporary, multi-purpose hot line clamp for stringing, cutting and connecting overhead conductors.

Lineman can get more done while creating a safer work area with the Tail Tamer™.

1. Safely hold back tail ends of conductors when stringing new wire. Current method is usually tape.
2. Safely cut slack conductors (up to 90Kg. of tension between Clamp & Carabiner) while maintaining positive control of loose ends.
3. The Double Sided Clamp holds two conductors simultaneously. Easily attach parallel groove and crimp connectors.
4. Functions as a Temporary Parallel Groove Connector rated at 300 Amps.

Features

- Double Sided Clamp
- Holds TWO Wires Simultaneously (0.4mmCopper up to 27.94mm dia)
- Quick Release Clamp and Easy Grip Barrel
- Rated at 300 Amps
- Rated up to 90KG. between Clamp & Carabiner (w/ 5 times safety factor)
- High Strength Tether and Carabiner Connects to Each Other, Buckets, Belts and more
- Works as a single unit or in pairs
- Only 0.7kg
- Patent Pending



1. Hold back tails



3. Easily attach connectors



2. Cut Slack Conductors



ITEM NUMBER	DESCRIPTION
USTT-001	TAIL TAMER™ - TEMPORARY CONDUCTOR CLAMP (each)

Hot Stick Accessories

TEM NUMBER	DESCRIPTION
USSA-ASD	POLYMERIC ICE REMOVAL TOOL
USSA-BRH	POLYMERIC REMOVAL HOOK SPLINE ATTACHMENT
USSA-ETE	56" FIBERGLASS EXTENSION SPLINE ATTACHMENT
USSA-HGR	PLASTISOL HANGER & CLAMP
USSA-HOE	TRIANGULAR HOE SPLINE ATTACHMENT
USSA-MSC	SHOESTRING CUTTER SPLINE ATTACHMENT (METAL)
USSA-ODP	DOUBLE PRONG STICK END
USSA-OHP	UNIVERSAL HOTSTICK PROBE
USSA-OHP-F	UNIVERSAL HOTSTICK PROBE W/ GREEN HI-VISIBILITY COATING
USSA-ORB	ROTARY BLADE SPLINE ATTACHMENT
USSA-ORP	ROTARY PRONG SPLINE ATTACHMENT
USSA-STB-018	18" TORQUE BAR SPLINE ATTACHMENT
USSA-TSA	1/4"-20 THREADED STUD SPLINE ADAPTER
USSA-HG1	HAND GUARD FOR 1 1/4" STICK





Brass D Head



D Type Head



Link Puller



New Style E Type Head



E Type Head



Earth Application Head P331



P3313 Head



Red / White Tapping Head



P3437



Old Type Tap Head



P3458



S & C Fuse Head



P3832



Universal to Top



P3625



P3380



LV Fuse Puller



LV Fuse Loosener



Fuse Cup



Grab It Fuse Removal Tool



Pig Tail



KP 5 Adapter



KP/ Edcombe Adapter

KP To Rod Adapter M14 Thread
Edcombe to Rod Adapter M10 Thread



PMR Head



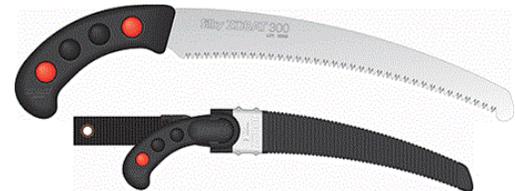
Porcelain Fuse Adapter



Pigtail Conductor Holder
Used to hold conductor when
cutting jumpers



Silky Zubat Rod Saw



Silky Zubat Hand Saw



Tree Pruning Head

Remote Operated Pruning Head



Honeywell Two Colour Insulated Gloves
Two Colour Gloves Make Inspection For Damage Easier To See

Class	Colour	Rating	Sizes
0	Red Inside Beige Out	1KV	8,9,10,11
1	Black Inside Red Out	7.5KV	8,9,10,11
2	Black Inside Beige Out	17KV	8,9,10,11



Insulated Glove Outers

Leather Protective Over Gloves
LV Goat Skin

Sizes 8,9,10 & 11

HV Cowhide

Available in 12" and 14"



Insulated Glove Liners

Cotton Knit glove Liner



Storage Bag For Insulated Gloves

Storage Bag To Protect Gloves

Jumper-Aid™ Blanket & Jumper Holder

Product Dimensions: 35cm x 25cm x 2.54cm Product Weight: 0.53kg

The patented Jumper-Aid™ supports a temporary mechanical jumper during construction or maintenance. The unique pivoting design allows each arm to rotate 360 degrees to automatically lock in place without rope, tape or wires.

The Jumper-Aid™ can support a jumper from one phase/voltage while hanging from a conductor of a different voltage/phase. It supports a mechanical jumper wrapped in an insulating rubber blanket and fits over line hose.

The Jumper-Aid™ also fits over cross arms to create a temporary hanger that holds up to 100 lbs.

- **Eliminates Tape or Rope**
- **Supports Jumpers from Different Voltage/Phases**
- **Hangs Over Cross Arms**
- **Prevents Jumper Sag**

ITEM NUMBER

DESCRIPTION



Product Dimensions: 28cm x 11.5cm x .12.7cm Product Weight: 170gr

The Jumper Hook is designed to eliminate jumper clamp sag and prevent potential cross-phasing. The Jumper Hook also minimizes swaying in windy conditions.

The Jumper Hook fits over any class 2 or 3 line hose and exhibits a flash-over resistance of more than 50 kV. Multiple hooks safely cradle long jumpers in order to maintain positive control.

The Jumper Hook installs easily with a gloved hand or shotgun stick and is made of a high visibility polymer material that can handle the rigors of daily use even in cold temperatures.

ITEM NUMBER

DESCRIPTION

USJH-001

POLYMERIC JUMPER HOOK (BOX OF 6)



Insulated Rubber Blankets

Utility Solutions blankets meet or exceed all applicable ASTM D-1048 performance criteria. All blankets are Type II, manufactured from EPDM to provide maximum resistance to ozone damage. All blankets are Style A and free from any internal reinforcement for maximum flexibility. Molded in high visibility yellow.

ITEM NUMBER	DESCRIPTION
USRB-22-28-SLT	56cm X 56cm SLOTTED BLANKET SAFETY YELLOW W/28 EYELETS CLASS 4



Blanket Mate

The Blanket Mate Heavy Duty Blanket Holder is an articulating magnet that safely and securely positions a rubber insulating blanket onto any metal surface.

It is specifically designed to conform to curved and/or uneven surfaces. The tear drop shape end is manufactured from a unique polymer that remains strong and flexible even in cold weather. Rubber insulating blankets can weigh as much as 9 lbs. and require heavy duty magnets to secure them safely. The Blanket Mate Heavy Duty Blanket Holder comes in either a 6 magnet or 8 magnet version. ***This product comes with a 5 year unlimited warranty against breakage.***

ITEM NUMBER	DESCRIPTION	Dimensions	Weight
USBM-001	BLANKET MATE 6 MAGNET BLANKET ANCHOR	63mm x 50mm	311g



Bucket Mate Polymeric Hook

The Bucket Mate Polymeric Hook is the only rated bucket hook available with a 5 year warranty. Unlike conventional molded hooks the Bucket Mate is machined from high performance polymer and far more rugged than traditional PVC.

Each hook is rated to hold 43kg even in extreme temperatures.

The Bucket Mate features a large hook to accept a tool bag, equipment or other large items on the interior side of the bucket.

The opposing hook on the exterior side is a smaller 1/2" end that easily accepts blanket holes without damaging them.

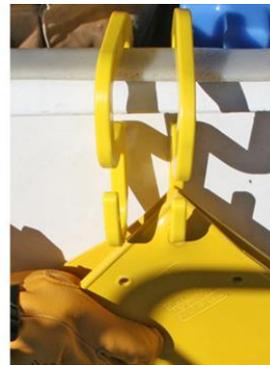
The Wide Slot Bucket Mate can accommodate thicker insulated buckets.

This product comes with a 5 year unlimited warranty against breakage.

Product Dimensions: 16cm x 16cm x 12cm

Product Weight: 140gr

ITEM NUMBER	DESCRIPTION
USBM-004	POLYMERIC BUCKET MATE BLANKET HOOK



Blanket Clamp

Product Dimensions: 255mm x 120mm x 1900mm

Product Weight: 113gr

USBA-001

Hand operable Blanket Clamp.

USBA-002

Blanket Clamp designed for remote operation using a shotgun stick.



ITEM NUMBER	DESCRIPTION
USBA-001	BLANKET CLAMP (QTY 10 PER BOX)
USBA-002	BLANKET CLAMP SHOTGUN OPERABLE (QTY 10 PER BOX)

Large Blanket Klondike Clamp

The Klondike Clamp safely and quickly secures rubber blankets without causing damage and eliminates the need for tie wrap, bungee cords, Velcro®, or tape.

The Klondike Clamp comes in 3 models:

- **Standard** – Great on cross arms, bushings, poles, and even pad mount gear.
- **Large** – Easily fits Poles up to 500mm diameter.
- **Hands-Free** – This model attaches to a shotgun stick and offers hands-free operation.

The Klondike Clamp is made from a tough weather resistant polymer and assembled with stainless steel hardware.

ITEM NUMBER

DESCRIPTION

USCP-001

"KLONDIKE CLAMP" INSULATING BLANKET CLOTHESPIN

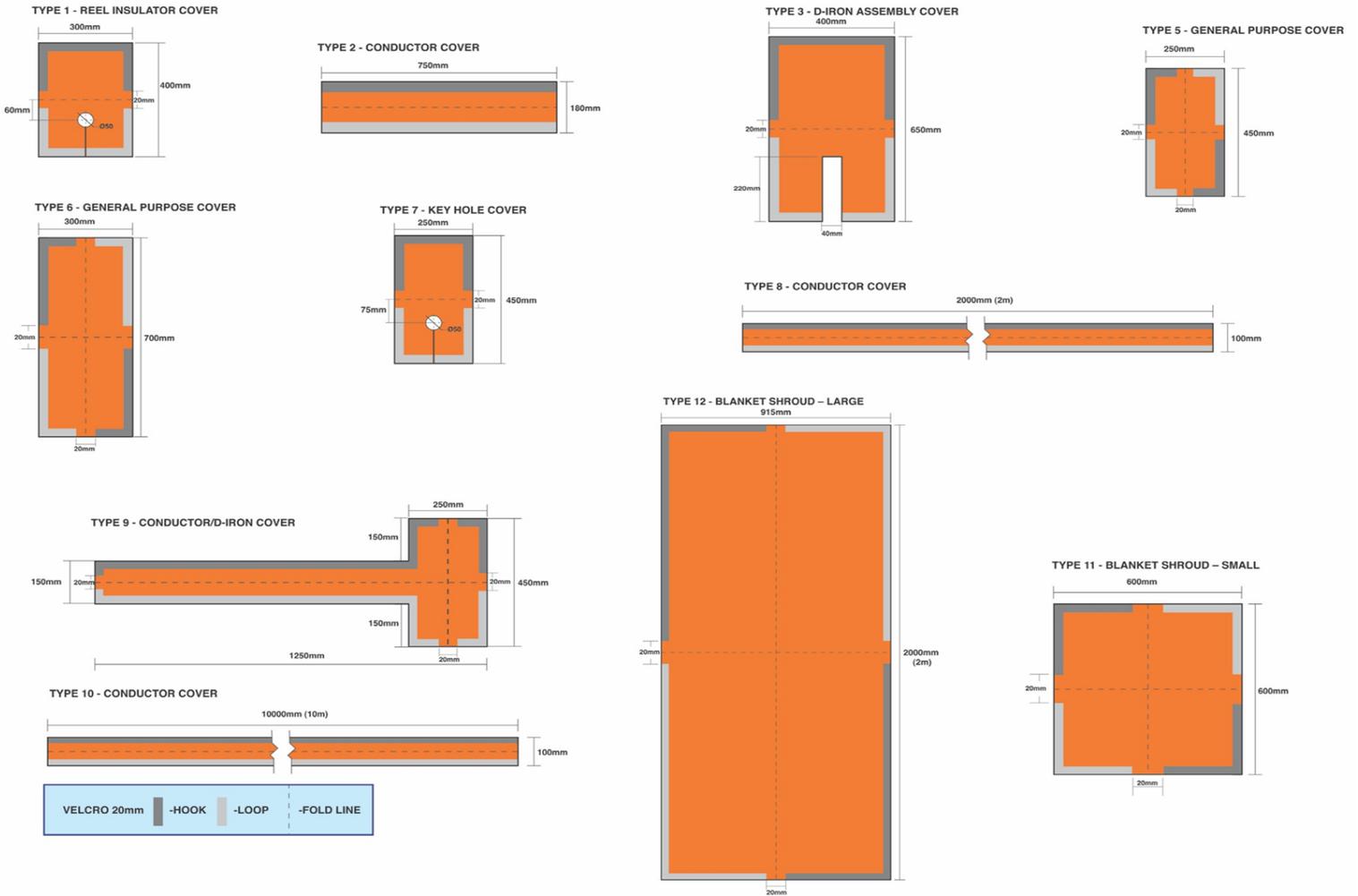
USCP-002

OVERSIZED "KLONDIKE CLAMP" INSULATING BLANKET CLOTHESPIN



Pole Shrouds

Used When Erecting New Poles Through Live Conductors
Fits poles from 6" to 11" diameter, these pole covers are 42" long,
Can be used in multiples by overlapping where required.
Manufactured from polypropylene.
Available with or without rope handles.



LV Pocket Shrouds 599 Type

Part No.	Description
599-TYPE-1	Reel Insulator Cover 300x400mm
599-TYPE-2	Conductor Cover 750x180mm
599-TYPE-3	D-Iron Assembly Cover 650x400mm
599-TYPE-4	Conductor Cover 2mx150mm
599-TYPE-5	General Purpose Cover 450x250mm
599-TYPE-6	General Purpose Cover 700x300mm
599-TYPE-7	Keyhole Cover 250x450mm
599-TYPE-8	Conductor Cover 2000x100
599-TYPE-9	Conductor/D-Iron Cover 450x1250mm
599-TYPE-10	Conductor Cover 10000x100
599-TYPE-11	Blanket Shroud Small 600x600mm

Our Polyethylene Line Guards are utilised by Utilities and Electrical Contractors and are designed to provide temporary electrical insulation and/or mechanical protection and/or visual warning of Power Lines and Wires. These robust units have decades of engineering and development to ensure the highest quality and safety standards. The Guard is typically a plastic split tube design to allow straight forward installation over conductors and wires in the field. Depending on the type of product, they may also interlock (male and female) to extend a continuous length along the wire.



Jumper Wire Guards



Unlike most other Guards in the range, they are of a corrugated design to impart a level of flexibility in the product. They are ideal for covering Bridges, Bonds or Jumper Wires they are electrically rated up to 14.6 Kv as a Class 2 Cover

Lion Tails

Lion Tails™ are a high quality and dependable product.

Utilised by Lineman during Pole Setting, or other maintenance activities, or installed on wires that approximate construction sites to provide additional protection. They come in several options including Class 2 14.6Kv, or Class 3 26Kv.



DB45B | 2m x 45mm male/female lengths
PE, Yellow outer, Black inner safety feature
ASTM F 712, Class 2 15KV*



DB35B | 2m x 35mm male/female lengths
PE, Orange outer, Black inner safety feature
ASTM F 712, Class 3 26KV*

Tiger Tails

High visibility

Polyethylene Line Guards are designed to provide temporary electrical insulation and/or mechanical protection and/or visual warning of Power Lines and Wires.

These robust units have decades of engineering and development to ensure the highest quality and safety standards.

The Guard is typically a plastic split tube design to allow straight forward installation over conductors and wires in



TPP15 60m x 15mm roll
 TPP20 3m x 20mm male / female lengths
 TPP35 3m x 35mm male / female lengths
 HDPE ASTM F 712 Class 2 15KV*

Panther Tails

Our new “Panther Tails™” have been approved by various Utilities the world over. They have the unique dual layer pattern, black outer, yellow inner as an additional safety feature. They have been designed to cover over live overhead wires to protect wildlife from bridging between phases and to prevent trees from contacting power lines directly.

Guy Guards

provide a secure way to help visualise, warn and protect stay and guy wires from any unintended contact with plant, equipment or the public.

2m x 45mm HDPE



Linemans Shrouding Kit

Used to protect engineers working with live voltages up to 1000V
 Manufactured from 1mm thick orange neoprene with nylon insert
 UV resistant with velcro edge fastening
 Material in line tested to ASTM F-2320
 Approved to ENTS 43-103 specification
 Higher working voltages available



Part No.	Contents	Qty
599-TYPE 1	Reel Insulator Cover 300x400mm	5
599-TYPE 2	Conductor Cover 750x180mm	10
599-TYPE 3	D-Iron Assembly Cover 650x400mm	5

Overhead LV Shrouding

Overhead line shrouding manufactured from yellow U.V. resistant material to EA43-103 standard
 Suitable for up to 1000 volts protection
 Overhead line shrouding is supplied as standard in 3 metre lengths and standard sizes 22mm, 32mm and 45mm internal diameter. :



ABC & Bare Wire Earthing Kit

ABC earthing kit can also be used on traditional bare wire low voltage systems.
 This kit allows earthing of ABC conductor through the fuse cutout box with 3 wedge type earth clamps tightening down onto the fork of the fuse contact on LV pole mounted fuse cutout boxes.



ABC KIT	EN 61230
Thermic limit current	5 kA/1 s
Earthing cable	Cu 1,2 m 25 mm ²
Phase cable	Cu 1,8 m 25 mm ²
Diameter of the conductor	95 mm ² , Al conductor
Earthing point	5 mm, Cu bus bar



LV Earth Kit

Designed to be fitted to bare conductors on LV networks

- 7 KA / 1 s rated
- To fit conductor Ø 5mm to 14mm
- Connected with 25mm copper cable plastic covered (for ease of inspection)
- Spring Loaded snap on heads with 520mm handles



By-Pass Jumpers

By-Pass Jumpers are fully insulated and tested to 13.2 kA/1 sec.

The standard versions have:

- 1.8m double insulated copper leads in 2 ratings
- other length leads available



11kv Snap On Earth Kit

Snap on earth kits for 11kv
3 x 150mm² Aluflex 3m Phase Leads with Y Connector
1 x 50mm² Aluflex Down Lead
Plus Earth road Clamp
Carry Bag



33kv Bayonet Earth Kit

Bayonet Type earth kits for 33kv
2 x 150mm² Aluflex 3m Phase Leads with Parking Bar
1 x 50mm² Aluflex Down Lead
Plus Earth road Clamp
Carry Bag



33kv Earth Kit With Cross Arm Bond

Bayonet Type earth kits for 33kv
2 x 150mm² Aluflex 3m Phase Leads with Parking Bar
1 x 50mm² Aluflex Down Lead
1 x 50mm x 3m Cross Arm bond
Plus Earth road Clamp
Carry Bag



33kv Ring Type Earth Kit

Ring Type earth kits for 33kv
2 x 150mm² Aluflex 3m Phase Leads with Parking Bar
1 x 50mm² Aluflex Down Lead
Plus Earth road Clamp
Carry Bag



Cross Arm Bonds

Cross Arm Bond Lead 50mm² Aluflex



Earth Nest / Cluster

The kit contains four 850mm copper bonded earth rods connected to four 50 sq. mm aluflex leads brass spilt connectors which connect to a terminal plate.



Earths For Heras Fencing



Running Earth

Adjustable Stringing Earth for Conductors
5mm to 27mm
Self Lubricating

Substation Earthing



CE22 A + B



CE22A/ESI-L1



CE 25



CE15



CE16 /17
CE 50 / CE 51



CE71



Substation Earth End Clamps



Earth Tape Clamp

Clamp	Busbar range	Short circuit rating	Max. number of leads
CE22A/ESI-L1	10mm-38mm	17.5kA for 2 secs	1 lead
CE22 A+B	19mm-76mm	17.5kA for 2 secs	1 lead
CE25	35mm-75mm	38kA for 2 secs	2 leads
CE22B/ESI-L2	37mm-76mm	17.5kA for 2 secs	1 lead
CE22C/ESI-L3	60mm-90mm	17.5kA for 2 secs	1 lead
CE15	90mm	36.5kA for 2 secs	2 leads
CE27	101.6mm	17.5kA for 2 secs	2 leads
CE16/5/ESI-L4	127mm only	50kA for 3 secs	3 leads
CE16/5.5/ESI-L5	140mm only	50kA for 3 secs	3 leads
CE51	140mm-160 mm	38kA for 2 secs	2 leads
CE50	190mm-200mm	38kA for 2 secs	2 leads
CE71	220-250mm	17.5kA for 2 secs	1 lead

CE 13 300



Transmission Line End Clamp

Transmission Line Clamp
Applied in the Horizontal Plane
Fits Conductors from 19.1mm to 42mm

CE 69



Transmission Line Clamp

Transmission Line Clamp
can be applied up or down
for conductors from 13mm to 46mm

CE 10 A 2



Transmission Clamp For Steel Work

Transmission clamp
fro steel work applied by hand

CE 18 A



Transmission Line Clamp For Insulator Set

Transmission clamp for insulating the
conductor
over the tension set attached to the arc horn



Circuit Main Earth

150mm² Aluflex (clear sheath) with lugs and stress
springs
complete with CE22A&B & CE20 clamps



Transmission Line Earths

50sqmm clear Aluflex lead with ferrules at both
ends for CE10 earth end clamp and CE69
overhead line clamp

Universal Straight Sticks BLUE STRIPE®

All Utility Solutions straight sticks are manufactured from the highest quality electrical grade fiberglass. Wall thickness has been engineered to provide the utmost in mechanical strength to meet the rigors of in field pushing, pulling or twisting of stubborn equipment.

Each stick interior is filled with a high performance closed cell foam to prevent water absorption. The stick exterior has been chemically sealed to provide a smooth surface texture for easy cleaning.

Utility Solutions straight sticks meet or exceed all applicable industry performance criteria including ASTM F711, ASTM F1826 and OSHA Sub. V sec. 1926.951(d).

ITEM NUMBER	SIZE	DIAMETER	ENDS	PROTECTIVE BAG
USSS-S-104	1.2 m	31mm	SPLINE END / RUBBER END CAP	USSB-005
USSS-S-106	1.8 m	31mm	SPLINE END / RUBBER END CAP	USSB-006
USSS-S-108	2.5 m	31mm	SPLINE END / RUBBER END CAP	USSB-010
USSS-S-110	3 m	31mm	SPLINE END / RUBBER END CAP	USSB-011
USSS-S-112	3.7 m	31mm	SPLINE END / RUBBER END CAP	USSB-012
USSS-H-110	3 m	38mm	SPLINE END / RUBBER END CAP	USSB-011
USSS-H-112	3.7 m	38mm	SPLINE END / RUBBER END CAP	USSB-012
USSS-S-204	1.2 m	31mm	SPLINE END / SPLINE END	USSB-005
USSS-S-206	1.8 m	31mm	SPLINE END / SPLINE END	USSB-006
USSS-S-208	2.5 m	31mm	SPLINE END / SPLINE END	USSB-010
USSS-S-210	3 m	31mm	SPLINE END / SPLINE END	USSB-011
USSS-S-212	3.7 m	31mm	SPLINE END / SPLINE END	USSB-012
USSS-H-210	3 m	38mm	SPLINE END / SPLINE END	USSB-011
USSS-H-212	3.7 m	38mm	SPLINE END / SPLINE END	USSB-012

