



- Rescue Kits & Equipment
- Arc Flash Clothing & Face Shields
- LV Rubber Gloves
- HV Rubber Gloves & Sleeves
- LV & HV Line Covers & Blankets
- Rubber Ground Mats
- Conductive Suits, Gloves, Socks & Boots
- Safety Harnesses, Belts & Lanyards
- Safety & PPE Cleaning Products
- Transformer Containment Bags

SAFETY & PPE

SAFETY & PPE - TABLE OF CONTENTS

Rubber Insulating Gloves & Accessories	E4	40 Cal, CAT 4 Arc Flash Clothing - NSA.....	E14
LV Insulating Rubber Gloves - Salisbury.....	E4	40 Cal Arc Flash Hoods	E14
LV Insulating Latex Gloves - 12 Cal Arc Flash Rated	E4	40 Cal - CAT 4 Arc Flash Kits.....	E14
HV Insulating Rubber Gloves - Class 1	E4	40 Cal, CAT 4 Arc Flash Garments	E15
Glove Dust - Corn Starch.....	E4	40 Cal, CAT 4 Arc Flash ArcGuard® Performance Jacket... E15	
Rubber Gloves Inflation Tool	E5	40 Cal, CAT 4 Arc Flash ArcGuard® Performance Bib	E15
Glove Inflator Kit - Salisbury	E5	40 Cal, CAT 4 Arc Flash Lab Coat Kits	E15
HV Insulating Rubber Gloves - Class 2-4	E5	40 Cal, CAT 4 Arc Flash ArcGuard® Lab Coat.....	E15
Leather Outer Gloves and Cotton Liners.....	E6	40 Cal, CAT 4 Arc Flash ArcGuard® Leggings	E15
Cotton Liners - Inners.....	E6	12 Cal, CAT 2 Arc Flash Clothing - NSA.....	E16
LV Gloves - Outers - 8.6 Cal Arc Rated - Youngstown	E6	12 Cal, CAT 2 Arc Flash Enespro ArcGuard® Coat	E16
LV Gloves - Outers - 25 Cal Arc Rated - Youngstown.....	E6	12 Cal, CAT 2 Arc Flash ArcGuard® Bib Overalls	E16
LV Leather Gloves - Outers - Kangaroo.....	E6	12 Cal, CAT 2 - Arc Flash ArcGuard® Coveralls.....	E16
LV & HV Leather - Outers - Salisbury.....	E7	12 Cal, CAT 2 - Arc Flash ArcGuard® Coverall Kit.....	E16
HV Leather Outers - Next Generation - Salisbury.....	E7	Arc Flash Head protection - NSA	E17
HV Gloves - Outers - 32 Cal Arc Rated - Youngstown	E7	12 Cal, CAT 2 Face Shroud, Lift Front.....	E17
Gloves, Leather - 48 Cal Arc Rated - Youngstown.....	E7	12 & 20 Cal, CAT 2 Face Shield, Hover Series	E17
Rubber Insulating Sleeves and Accessories.....	E8	16 Cal, CAT 2 & 25 Cal CAT 3 Ultrasoft Balaclava	E17
Sleeves - Salisbury	E8	16 cal, CAT 2 Arc Goggle.....	E17
Sleeve Straps - Adjustable.....	E8	Arc Flash Accessories - NSA	E17
Buttons & Harness for Sleeves	E8	Flashlight Kit fo Lift Front Hoods	E17
Insulated Hoses, Blankets, Covers & Accessories	E9	BackPack - Enespro.....	E17
Line Hoses - Salisbury	E9	Arc Flash Clothing 40 Cal - Honeywell.....	E18
Line Hose Spreader.....	E9	40 cal, CAT 4 Prismshield Plus - Lift Front Hood	E18
Blanket Pegs.....	E10	40 Cal, CAT 4 Prismshield Plus - Pro-Hood	E18
Conductor and Hard Covers - Chance	E10	40 Cal, CAT 4 Premium Kits - PRO WEAR™ PLUS	E18
Blankets, HV Insulating - Salisbury.....	E11	40 Cal, CAT 4 Lift Front & Pro-Hood Accessories	E19
Simple Strap.....	E11	40 Cal, CAT 4 Bib Overalls - Premium Lightweight.....	E19
Line Covers - LV & HV Tiger Tail.....	E11	40 Cal, CAT 4 Coat - Premium Lightweight	E19
Rubber Insulating Blankets & Accessories	E12	Arc Flash Lift Front Accessories 20 Cal - Honeywell	E20
LV Insulating Blankets	E12	20 Cal, CAT 2 - Lift Front & Pro-Hood Accessories.....	E20
LV Blankets Cannister/Bag - Zipped PVC.....	E12	Arc Flash Clothing 12 Cal - Honeywell	E20
Pole Strap Kit.....	E12	12 Cal, CAT 2 Pro-Wear Plus Kits	E20
Ground Mats - Rubber.....	E13	12 Cal, CAT 2 - Bib Overalls - Pro-Wear Plus	E20
Class 0, 2 & 4 - AS/NZS IEC61111: 2020	E13	12 Cal, CAT 2 - Coat - Pro-Wear Plus.....	E21
Ground Mat - Class 4.....	E13	12 Cal, CAT 2 - Over Pants - Pro-Wear Plus.....	E21
Mat and Blanket Roll.....	E13	12 Cal, CAT 2 - Coveralls - Pro-Wear Plus	E21
		Arc Flash Gloves - Honeywell	E21
		12, 20 & 40 Cal PRO WEAR™ Gloves.....	E21

SAFETY & PPE - TABLE OF CONTENTS

Arc Flash Face Shields & Balaclavas - Honeywell	E22	Safety Belts, Harnesses & Accessories.....	E30
12 & 20 Cal Face Shield & Helmet Protection	E22	Belt, Rescue - Honeywell	E30
12 & 20 Cal Protective Balaclavas	E22	Harnesses - Aircore	E30
Arc Flash Accessories 12-20 Cal - Honeywell.....	E22	Harness - Tower Worker	E30
Face Shield Accessories.....	E22	Harness - Revolution.....	E30
Task Light Kit - Salisbury.....	E22	Harness - Elite.2.....	E30
Face Shield & Safety Glasses - Honeywell	E23	Harness - Duraflex Glove & Barrier.....	E31
Face Shield (not Arc Rates).....	E23	Controlled Decent Device.....	E31
Safety Glasses	E23	Straps - Pole	E31
Storage - Honeywell	E23	Lanyards - Stretchable Energy Absorbing.....	E31
Cotton Storage Bag for Arc Flash helmets	E23	Tie Off Adaptor Webbing	E31
Kit Storage Bag.....	E23	Sling - Anchor - Rescue.....	E31
Kit Storage Back Pack	E23	Vehicle Ground Mats & Outrigger Pads.....	E32
Gloves, Outer - Arc Rated 48 Cal, CAT 4.....	E23	Ground Protection Mats - AltunaMats	E32
Gloves, Leather - Arc Rated 48 Cal - Youngstown.....	E23	Outrigger Pads	E32
Conductive Clothing - Arc rated 11 Cal.....	E24	Containment and Pole Setting Bags - ABG	E32
Clothing Kits - Conductive Arc rated - Electrostatic	E24	FLEXTRAY® - ABG	E32
Radio Frequency (RF) Radiation Protection Clothing	E24	Transformer Containment Bags	E33
Clothing Kits - Radio Frequency - Euclid	E24	POLESETTER ROCKBAG - ABG	E33
Conductive Boots, Socks and Gloves	E25	Ladders - Fibreglass.....	E34
Gloves and Socks - Conductive Arc rated - Electrostatic.....	E25	EXTENSION - LADaMAX	E34
Gloves and Socks - Conductive Arc rated - Euclid	E25	Standard PLATFORM STEP - LADaMAX.....	E34
Conductive Boots - Royer	E25	Dual Purpose - STEP & STRAIGHT - LADaMAX.....	E35
Insulated Gumboots - Class 2	E26	Powermaster EXTENSION - Branach.....	E35
Gaiters - Quagmire Canvas	E26	Cleaning and Maintenance Solutions	E36
Hardhat Stabiliser - Safemate™	E26	Advice on The Care and Maintenance of Your Equipment...E37	
Ear plugs - MAX LITE™ Honeywell	E26	Cleaner - Rubber Goods	E38
Warning & Phase Markers - Overhead Lines.....	E27	Powerclean Concentrate 15L.....	E38
Warning Marker Balls.....	E27	Pre-wash - Boom and Bucket	E38
Warning Flags	E27	Cleaner, Concentrate - All Purpose	E38
Warning Marker Application & Removal Tool.....	E27	Cable Cleaning Wipe.....	E38
DNOB Hook, Applicator, and Tag Clamp	E27	Cleaner/Degreaser - Multipurpose	E39
Rescue Kits & Accessories.....	E28	Cleaning Wipes - GrimeAway Multi Purpose	E39
Low Voltage Switchboard.....	E28	Wax - Fibreglass	E39
High Voltage Switchboard	E28	Wipe - Hot Stick Cleaner & Water Repellent.....	E40
Pole Top Rescue Kit.....	E29	Wipes - Hot Stick - 50pk Dispenser	E40
Tower Rescue Kit.....	E29	Fibreglass Cleaning and Refinishing Kit.....	E40
Rescue Hook - Insulated	E29	Wipe - Hot Stick Cleaner & Water Repellent.....	E40
Rescue Hooks - High Voltage.....	E29	Wipes - Gel Removal.....	E40
Fall Restraint/Anchor Point	E29	Wash - Solar Panel.....	E40

Honeywell

SALISBURY



Class 00

Class 0 -
Dual Colour

Rubber Insulating Gloves & Accessories

LV Insulating Rubber Gloves - Salisbury

- Insulating gloves for live electrical work
- Single and dual colour gloves available for Class 0
- High dielectric strength, flexible and durable
- Straight style smooth finish gloves
- *Sizes 7 - 12, including half sizes in 8, 9 & 10
- Natural rubber dipping process provides strength & excellent resistance to tearing in the cuff
- Meets or exceeds ASTM D120 and IEC EN 60903

Part No.	Working Voltage (V) AC/DC	ASTM Class	Sizes	Glove Colour	Length (mm)	ASTM Label Colour
E0011R-*	500 /750	00	7-11	Red	280 (11")	Beige
E014R-*	1000/1500	0	7-12	Red	355 (14")	Red
E014BY-*	1000/1500	0	7-12	Black/Yellow	355 (14")	Red

*Add size suffix when ordering

LV Insulating Latex Gloves - 12 Cal Arc Flash Rated

- Arc Flash, 1000V Insulating Latex Gloves
- Protection from an electrical arc flash 12 cal/cm²
- No LV outers required due to Composite construction providing mechanical protection
- Soft, supple, durable and ergonomic with high flexibility
- Meets or exceeds IEC EN 60903

40 Cal/cm² Class 4 Gloves available upon request. Contact TEN for further information.

Part No.	Working Voltage (V) AC/DC	ASTM Class	Sizes	Glove Colour Outer/Inner	Length (mm)	ASTM Label Colour
CGM-0-*	1000/1500	0	7-12	Orange/Natural	360	Red

*Add size suffix when ordering

HV Insulating Rubber Gloves - Class 1

- Meet ASTM D120 and IEC/EN 60903 standards
- Dual coloured gloves, internal/external for easy inspection
- Sizes 8 - 12*, including half sizes in 9 & 10
- Made from Natural rubber in the USA
- Straight Cuff shown

Part No.	Working Voltage (kV) AC/DC	ASTM Class	Sizes	Standard Glove Colour	Length (mm)	ASTM Label Colour
E114YB-*	7.5/11.25	1	8-12	Yellow/Black	355 (14")	White

*Add size suffix when ordering

Glove Dust - Corn Starch

Part No. Various

- Powder for use with rubber products
- Absorbs moisture and perspiration, prevents sticking
- Manufactured from Corn Starch



10-4-1 QTCS-ES

Part No.	Description	Size (kg)
10-4CS-ES	Glove Dust, 1 x 140g Plastic Container	0.16
10-4-1 QTCS-ES	Glove Dust, 1 x 500g Plastic Container	0.5

Honeywell
SALISBURY

ELECTRIFLEX



Honeywell Electriflex
SALISBURY CLASS 2
10
ASTM D120 & IEC/EN 60903
10KV AC

Patch Class 2, Type 1, Size 10

HV Insulating Rubber Gloves - Class 2-4

Salisbury's Electriflex™ Gloves are 30% more flexible than any other HV glove ever made and are expertly designed to give linesmen the ultimate in comfort and control. Electriflex™ minimises hand fatigue and maximises performance, all while giving you best-in-class protection.

- Meets ASTM D120 and IEC/EN 60903 standards
- ASTM Voltage classes 2, 3 & 4 available
- Two colour Natural rubber gloves
- Sizes 7-12, including half sizes 8, 9 & 10 (See below chart for specific Class Sizes)
- Other cuff lengths and colours available on request



SCAN or CLICK to download LV & HV glove distance requirements

Part No.	Description ELECTRIFLEX LINEMAN GLOVES	Style/Colour	Working Voltage (kV) AC/DC	Length mm (in)
NG216YB-*	CLASS 2 - Sizes*7-12	Straight Cuff Yellow/Black	17/25.5	405 (16")
NG216BCRB-*	CLASS 2 - Sizes*8-12	Bell Cuff Red/Black	17/25.5	405 (16")
NG316YB-*	CLASS 3 - Sizes*7-12	Straight Cuff Yellow/Black	26.5/39.75	405 (16")
NG316BCRB-*	CLASS 3 - Sizes*8-12	Bell Cuff Yellow/Black	26.5/39.75	405 (16")
NG416YB-*	CLASS 4 - Sizes*9-12	Straight Cuff Yellow/Black	36/54	405 (16")
NG416BCRB-*	CLASS 4 - Sizes*9-12	Bell Cuff Red/Black	36/54	405 (16")
NG418YB-*	CLASS 4 - Sizes*7-12	Straight Cuff Yellow/Black	36/54	455 (18")
NG418CRB-*	CLASS 4 - Sizes*9-12	Contour Red/Black	36/54	455 (18")

Honeywell Electriflex
SALISBURY CLASS 3
10
ASTM D120 & IEC/EN 60903
10KV AC

Patch Class 3, Type 1, Size 10

Honeywell Electriflex
SALISBURY CLASS 4
10
ASTM D120 & IEC/EN 60903
10KV AC

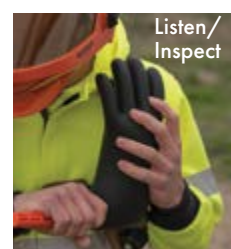
Patch Class 4, Type 1, Size 10

Rubber Gloves Inflation Tool

Part No. VT-12



Quickly, easily & effectively test/inspect rubber glove with the glove inflation tool



Glove Inflator Kit - Salisbury

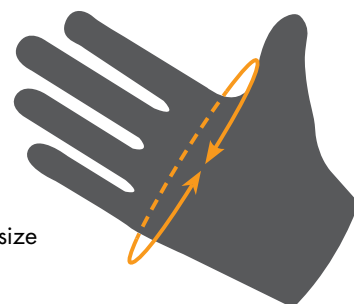
Part No. G99

- Inflate, Test & Inspect Electrical Insulating gloves in the field (Gloves must be inspected before each use)
- Simple, easy-to-use and portable
- The glove is secured to the inflator using a nylon strap and fastened with Velcro. Inflation is accomplished by pumping the bellow of the inflator
- For use on Class 1 to Class 4 Gloves



Glove Sizing

- Measure the circumference of the palm of your hand
- Any increment over a full or half size will take you to the next full or half size
- Rubber gloves sizes are manufactured in inch (") sizes
- Allow for cotton inner gloves





Long
VG-10822



Short
VG-13820



ARC
Rated



Leather Outer Gloves and Cotton Liners

Cotton Liners - Inners

Separate from gloves, glove liners may be regularly replaced, limiting the bacteriological problems associated with residual moisture due to perspiration

- Ambidextrous cotton under glove Liners.
- 100% cotton
- Reversible - fit either hand
- Stretch comfort fit

Part No.	Brand	Description	Length (mm)	Feature
VG-13820-PK	Voltgard	Short	220	Normal Cuff
VG-10822-PK	Voltgard	Long	300	Extended Cuff

* Supplied in packs of 12

LV Gloves - Outers - 8.6 Cal Arc Rated - Youngstown

- Cut Resistant: Level A7 (ANSI/ISEA)
- Puncture Resistant: Level 4 (ANSI/ISEA)
- Arc Rating: 8.6 Cal/cm²
- Flame Resistant: Exceeds Industry Standards According to ASTM D6413
- Palm: No Drop No Melt Textured Coating



Part No.	Material	Length (mm)	Sizes Available
YT12-4000-60-*	Nitrile Based	305 (12")	*S, M, L, XL, XXL & 3XL

* Add size suffix when ordering (e.g. 12-4000-60-M)

LV Gloves - Outers - 25 Cal Arc Rated - Youngstown

- Puncture Resistant: Level 3 (ANSI/ISEA)
- Arc Rating: 25 Cal/cm²
- FR Strap: Woven Webbing with DuPont™ Kevlar®
- FR Fastener: Heat Stabilized Heavy Duty Hardware
- Leather: 0.6-0.9mm Goat Grain

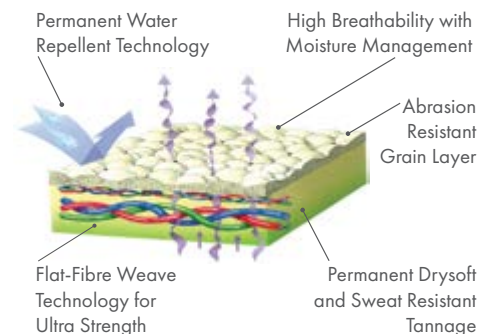
25 CAL
ARC Rated

Part No.	Material	Length (mm)	Sizes Available
YT16-4100-10-*	Goat	255 (10")	*7, 8-8.5, 9-9.5, 10-10.5, 11 & 12

* Add size suffix when ordering (e.g. 16-4100-10-9-9.5)

LV Leather Gloves - Outers - Kangaroo

- Strongest Leather Fibre available
- Flat-Fibre Weave Technology for ultra-strength
- Abrasion resistant
- High Breathability with moisture management
- Permanent water Repellent Technology



Part No.	Material	Length (mm)	Sizes Available
KLP-LV*	Kangaroo	250	*7, 8, 9, 9.5, 10, 10.5, 11

* Add size suffix when ordering (e.g. KLP-LV-9)



LV & HV Leather - Outers - Salisbury

- Glove protectors offer excellent comfort and protection
- Feature adjustable straps with non-metallic buckles and are stitched with polyester thread for strong seams
- Manufactured from imported goatskin
- All Salisbury Leather Protectors meet ASTM F696 standards
- 355mm (14") available on request (ILPG5S-*)

Part No.	Voltage	Sizes	Length (mm)
ILPG10A-*	LV	*7-12 Dual Size	254 (10")
ILPG3S-*	HV	*7-12 Dual Size	305 (12")

*Add size suffix when ordering (e.g. ILPG3S-9-9.5)

HV Leather Outers - Next Generation - Salisbury

Next Generation Leather Protectors are manufactured from top grade cowhide and goatskin leather. Protectors are crafted using heavy duty 4ply cotton thread and are equipped with a non metallic buckle for a secure fit.

The Next Generation Leather Protector is designed exclusively for the insulated Electrifiex™ rubber gloves. These new leather protectors offer utility workers the comfort and dexterity needed to get the job done. The redesigned leather protector was constructed to help amplify the flexibility of the Electrifiex™ gloves.

Part No.	Material	Length (mm)	Sizes
NGILP3S-*	Goat (Hand) Cowhide suede (Cuff)	305 (12")	8, 8H, 9, 9H, 10, 10H, 11, 12

*Add size suffix when ordering (e.g. NGILP3S-9)

HV Gloves - Outers - 32 Cal Arc Rated - Youngstown

- Puncture Resistant: Level 5 (ANSI/ISEA)
- Arc Rating: 32 Cal/cm2
- FR Strap: Woven Webbing with DuPont™ Kevlar®
- FR Fastener: Heat Stabilized Heavy Duty Hardware
- Premium Cow Grain
- Cuff Leather: Cow Suede

Part No.	Material	Length (mm)	Sizes Available
YT16-5100-12-*	Leather	305 (12")	*7, 8-8.5, 9-9.5, 10-10.5, 11 & 12

*Add size suffix when ordering (e.g. 16-5200-12-9-9.5)

Gloves, Leather - 48 Cal Arc Rated - Youngstown

- Cut Resistant: Level A3 (ANSI/ISEA)
- Arc Rating: 48 Cal/cm2
- Puncture Resistant: Level 5 (ANSI/ISEA)
- FR Strap: Woven Webbing with DuPont™ Kevlar®
- FR Fastener: Heat Stabilized Heavy Duty Hardware
- Premium Cow grain
- Cuff Leather is cow suede

Part No.	Material	Length (mm)	Sizes Available
YT16-5200-12-*	Leather	305 (12")	*7, 8-8.5, 9-9.5, 10-10.5, 11 & 12

*Add size suffix when ordering (e.g. YT16-5200-12-9-9.5)



ILPG10A

ILPG3S



32 CAL
ARC Rated



48 CAL
ARC Rated

Honeywell

SALISBURY



Rubber Insulating Sleeves and Accessories

Sleeves - Salisbury

- Prevents arm contact with energised lines - insulates from cuff to shoulder
- Used in conjunction with rubber insulating gloves
- Curved contour arm with reinforced folded cuff
- Buttons and harness are required, sold separately
- Manufactured to ASTM D1051
- Made from Natural Rubber

Size	Length (mm)
Small	610
Regular	673
Large	710

* Enter Size as S=Small, R=Regular, L=Large

Part No.	ASTM Class	Label Colour	Max Working Voltage (kV)		Proof Test Voltage	
			AC	DC	AC	DC
D2*RY-EC	2	Yellow	17	25.5	20	50
D3*RY-EC	3	Green	26.5	39.75	30	60
D4*RY-EC	4	Orange	36	54	40	70



**Size & Class
identification label
on sleeves**

Sleeve Straps - Adjustable

Quickeezee Sleeve Straps are constructed of all FR-Rated Materials. FR Rated materials have been independently tested.

Features

- Arc Tested to ASTM F2621-19 standards: Up to 40 cal/cm² - No melt, no drip
- Self-Extinguishing
- Cam-Lock Easily Adjustable buckle
- Single-Piece: No more lost buttons
- Flexible Design
- Unique Oval Buttons: Designed for quick & easy attachment to sleeves
- Lineman Made
- Field tested for durability and longevity

Straps

- FR Elastic made of a Nomex® and FR Neoprene blend
- Engineered for flame resistance, heat & thermal shrinkage resistance

Oval Buttons

- Made with Flame Retardant ABS
- Tested to pass ignition, melting, or dripping tests

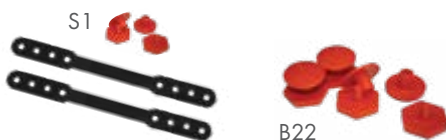


Part No.	Strap width (mm)	Qty per pack	Adjustment (cm)	Weight (g)
HLQE-1000	20	2	21 to 30.5 (end of button)	42.5 per pair

Buttons & Harness for Sleeves

- Required when wearing rubber insulating sleeves
- 4 Buttons required for each pair of sleeves
- 1 Harness or 2 straps required for each pair of sleeves

Part No.	Description	Buttons	Weight (g)
B22	Four Screw Type Buttons	4	10
VSH-1	1 x Harness	4	20
S1	2 x Sleeve Straps	4	10



Insulated Hoses, Blankets, Covers & Accessories

Line Hoses - Salisbury

- Designed to cover live line conductors
- Highly visible shields
- Made from Salcor® Type II rubber, stays flexible even in cold weather and will not be damaged by UV rays
- Engineered ribs inside covers grip the serrations on the corresponding line hose, regardless of the angle
- Self-locking lip ensures line hoses and covers do not separate
- Rib Grip® system allow two pieces to easily slip together but resist in coming apart
- Available in plain or interlocking coupler end
- Type II ozone resistant, manufactured to ASTM D1050



RIB GRIP®



Straight Hose



Connector End Hose



Extended Lip Hose

Part No.	Description	Dimensions (mm)	Wt (kg)
OR125-3	Class 2 Straight Hose - 76mm	31 x 915	1.8
OR125-3C	Class 2 Connector End Hose - 76mm		2.0
OR125-45	Class 2 Straight Hose - 114mm	31 x 1370	2.7
OR125-45C	Class 2 Connector End Hose - 114mm		2.9
OR150-3	Class 3 Straight Hose - 76mm	40 x 915	2.3
OR150-3C	Class 3 Connector End Hose - 76mm		2.7
OR150-45	Class 3 Straight Hose - 114mm	40 x 1370	3.2
OR150-45C	Class 3 Connector Hose - 114mm		3.6
SU150-3	Class 4 Straight Hose Extended Lip - 76mm	38 x 915	2.7
SU150-3C	Class 4 Connector End Hose Extended Lip - 76mm		3.2
SU150-45	Class 4 Straight Hose Extended Lip - 114mm	38 x 1370	3.8
SU150-45C	Class 4 Connector End Hose Extended Lip - 114mm		4.1
UC	Class 4 Coupler for Straight Hose	263 x 150	0.9
CC24	Class 2 cut-out cover	610 x 380 x 89	1.8
CC30	Class 4 cut-out cover	750 x 500 x 175	4.5
1186	Class 4 cross-arm cover	140 x 152	2.3



UC - Connector for Extended Lip



CC24 - Cut-out Cover



1186 - Cross-arm Cover

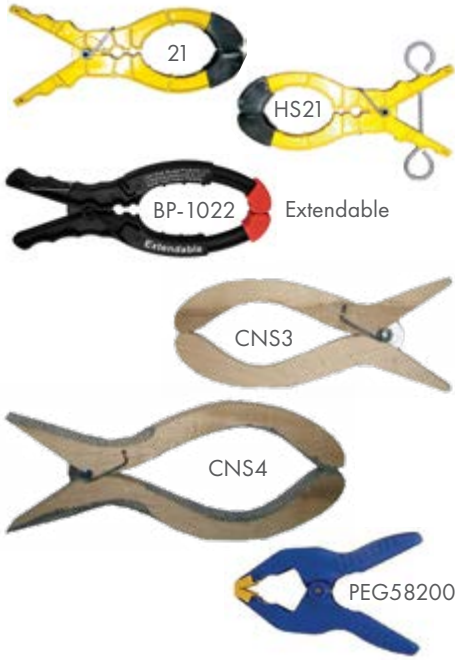
Line Hose Spreader

Part No. PTI-EEL

- Spreads line hose for inspection and cleaning
- Set in vice or attach to bench



Part No.	Description	Suits Hose Diameter (mm)	Wt (kg)
PTI-EEL	Rubber line hose spreader	32 – 38	2.3



Blanket Pegs

Non conductive pegs for clamping blankets and covers

Part No.	Material	Description	Length (mm)	Max Jaw Opening (mm)	Wt (kg)
21	Nylon body, metal spring and soft tip boots	Standard, 2 conductor holes	240	140	0.1
HS21	As above with Hot Stick Rings	Standard, 2 conductor holes	240	140	0.12
BP-1022	Nylon body, metal spring and soft tip boots	Extendable, 2 conductor holes	255 to 300	130	0.25
C-2	Maple Wood with metal spring	Standard	255	200	0.3
CNS3		Slip resistant coating	350	255	0.5
CNS4			375	340	0.7
PEG58100	High tech resin	Irwin quick grip peg	25	25	0.6
PEG58200			50	50	0.7
PEG58300			75	75	0.9

Conductor and Hard Covers - Chance

- Easy to install/remove with shotgun stick on some models
- Adjustable attachment eye allows angled installation/removal
- Interlocking feature, male and female end
- 2 units wrap together saving storage space
- Guards will not warp or distort
- Manufactured to ASTM F968, tested to ASTM F712
- High visibility bright orange polyethylene
- Insulator and cut out covers also available

Part No.	Cover Type	Applied by	Length (mm)	ASTM Class/ kV	Max Conductor OD (mm)	Wt (kg)
P406-0184	Conductor Cover	G & B	1525 long	3/25	25	1.4
C406-0181GA	Conductor Cover	Shotgun	1525 long	3/25		1.8
C406-0164	Disc Insulators Cover	Shotgun	864 long x 279 wide (2 x 10")	3/25	-	2.3
C406-0504	Cross arm cover	Shotgun	500 long	3/25	-	1.0
C406-0029	Pole Cover	N/A	300 dia. x 600 long	4/36.6	-	2.5
C406-0030	Pole Cover	N/A	300 dia. x 1200 long	4/36.6	-	5.0
C406-0000	Pole Cover	N/A	300 x 1800 long	4/36.6	-	11.2
M4931	Conductor Cover	Shotgun	Shotgun 1525 long	4/36.6	44	4.2
C406-0514GA	Conductor Cover	Shotgun	Shotgun 1525 long	4/36.6	25	2.4
M4933	Cross-arm Cover Shotgun	Shotgun	Shotgun 500 long	4/36.6	-	1.5



P406-0184



C406-0181GA



C406-0164



C406-0514GA



POLE COVERS



M4931

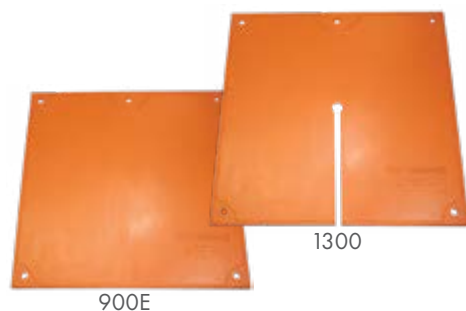


M4933



C406-0504

Honeywell SALISBURY



SIMPLE STRAP™



Blankets, HV Insulating - Salisbury

- High visibility orange colour
- Manufactured in accordance to ASTM D1048
- Type II SALCOR™ rubber blankets are ozone resistant

Part No.	Dimensions (mm)	Style	Working Voltage (kV)	ASTM Class	Eyelets	Wt (kg)
13	560 x 560	Solid	36	4	28	1.4
900E	900 x 900	Solid	36	4	6	3.6
1300		Slotted	36	4	5	3.2
1302		Slotted w/63mm hole	36	4	28	3.2
1304		Slotted w/114mm hole	36	4	28	3.2

Simple Strap

Part No. SP-LD-YLW

Fastest & easiest way to secure rubber blankets & covers on LV & HV conductors, poles, insulators & switches.

- Dielectrically tested
- UV Stable
- Recyclable & reusable
- Simple Strap is supplied in 30m lengths and easily cut to the size required



Line Covers - LV & HV Tiger Tail

Part No. DB Series

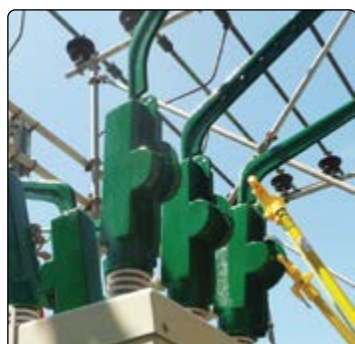
- Guards or barriers on LV energised lines
- Visual warning markers on power lines
- High visibility
- Tested and stamped to AS4202 - Class 1, ASTM F712 and F968
- Smooth, easy to clean surface
- Made from HDPE, UV stabilised and highly resistant to chemicals
- Snap together, male and female end fitting with elongated hole for securing cable tie



Part No.	Colour	Length (m)	Working Voltage	Rating Ø - Ø (kV) Brush Contact Only	ID (mm)	Wt (kg)
DB-35A	Yellow/Black	2.5	650V	14.6	35	1.3
DB-35ARB-1250	Red/Black	1.25	650V	14.6	35	0.8
DB-35ARB-2500	Red/Black	2.5	650V	14.6	35	1.3

Wide range of Wildlife Mitigation Covers Available - Refer Line Materials Section

GREENJACKET®



RELIAGUARD®



Honeywell SALISBURY



Rubber Insulating Blankets & Accessories

LV Insulating Blankets

- Rubber insulating material
- Highly visible yellow and orange
- 2 colours assist in visual damage identification
- Flame resistant, self extinguishing
- Type II - Oil, ozone & UV resistant
- Fabric reinforced, puncture & tear resistant
- Manufactured to ASTM F2320
- Substation drapes have reinforced eyelets
- Line, Link, Cross arm & catenary covers have industrial velcro fastenings
- Working voltage 7.5kV/Class 1



Part No.	Description	Dimensions (mm)
TENM101	Line Cover	1200 x 225 Drop (Velcro)
TENM103	Line Cover	600 x 225 Drop (Velcro)
TENM104	Link Cover	700 x 900 (400 Split)
TENM111	Link Cover	850 x 900 (430 Split)
TENM112	Link Cover	910 x 900 (6 x Eyelets)
TENM102	Cross Arm Cover	1200 x 450 (125W x 100D Cut Out)
TENM105	Substation Drape	900 x 600 (4 x Eyelets)
TENM106	Substation Drape	225 x 315 (4 x Eyelets)
TENM107	Substation Drape	315 x 450 (4 x Eyelets)
TENM108	Substation Drape	450 x 600 (4 x Eyelets)
TENM110	Substation Drape	900 x 1800 (4 x Eyelets)
TENM109	Catenary Cover	1200 x 225 - (30W x 200D Cut Out)

LV Blankets Cannister/Bag - Zipped PVC

Part No. TENM433

- PVC canister red, with internal PVC tubing & web carry handle
- Made from heavy duty PVC (flame retardant, mildew & UV resistant)
- Zipped lid with wide opening

Perfect
for storing
blankets

Part No.	Dimensions (mm)	Wt (kg)
TENM433	760 (L) x 100 (W)	0.8

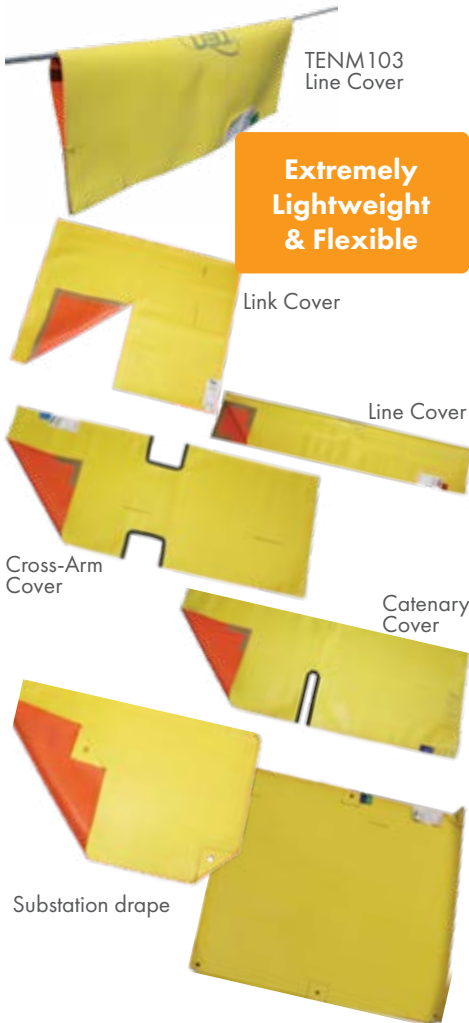
Pole Strap Kit

Designed to firmly hold rubber insulating blankets and cover up equipment on live components and hardware

- 12 Straps with handy riggers pouch and belt clip
- All webbing straps have adjustable heavy-duty quick release buckles
- A MUST for glove and barrier operations
- Easily adjusted for different sized equipment
- Ideal for covering poles, EDOs, disc insulators and more

Kit Details

Kit Part No.	QTY	Strap Details		Pouch
		Length (m)	Webbing (mm)	
TENM714	6	1.5	50	Red, Ripstop Canvas
	6	1.2	25	





Ground Mats - Rubber

Class 0, 2 & 4 - AS/NZS IEC61111: 2020

Rubber Ground Mats are suitable for indoor & outdoor use and are placed in front of switchboards, switch gear & high voltage equipment in order to create a safe working environment for the operator.

The mat insulates the worker from the ground to avoid electrical shock due to direct contact with potentially live electrical parts or step voltage. The class of mat is determined by the maximum nominal voltage of the network and coloured coded accordingly.

Features

- Electrical mat is hard wearing, non-slip
- Anti-fatigue nature
- Manufactured in 10m rolls to avoid joins
- Material Conforms to AS/NZ IEC 61111 requirements
- Every 300mm is marked with class working voltage & AS/NZ standard
- Electrically tested each meter

CLASS 0

Working Voltage : 1,000V
Proof Voltage : 5,000V
Withstand Voltage : 10,000V

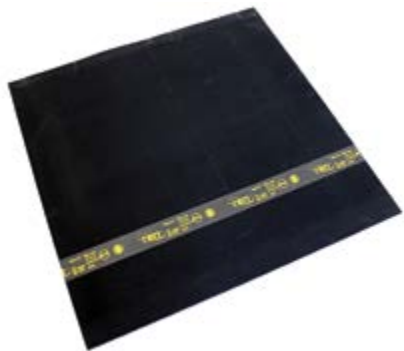
CLASS 2

Working Voltage : 17,000V
Proof Voltage : 20,000V
Withstand Voltage : 30,000V

CLASS 4

Working Voltage : 36,000V
Proof Voltage : 40,000V
Withstand Voltage : 50,000V

Cut lengths and special sizes available. Please contact TEN for further information.



CLASS 4
600mm x 600mm
12.7mm thick

Part No.	Working Voltage kV (AC/DC)	Material Standard	ASTM Class	Dimensions (m)	Thickness (mm)	Weight (kg)
MAT0-0.6M-ASNZ	1/1.5	AS/NZS IEC61111 :2020	0	0.6 x 0.6	2.2	2.0
MAT0-1MX1M-ASNZ	1/1.5		0	1 x 1	2.2	3.3
MAT0-1MX10M-ASNZ	1/1.5		0	1 x 10	2.2	33
MAT2-1MX1M-ASNZ	17/25.5		2	1 x 1	2.6	3.9
MAT2-1MX10M-ASNZ	17/25.5		2	1 x 10	2.6	39
MAT4-1MX1M-ASNZ	36/54		4	1 x 1	5.2	7.9
MAT4-1MX10M-ASNZ	36/54		4	1 x 10	5.2	79

Ground Mat - Class 4

Electrical rubber insulating matting utilises material as per the ASTM-D178 standard.

The non-conductive rubber mats help protect workers from electrical shocks.

- Leakage, moisture and water proof
- Material Composition: Combination of natural rubber and synthetic polymers.
- Anti-skid Design: Anti-skid textured surface.

Part No.	Working Voltage kV (AC/DC)	Material Standard	ASTM Class	Dimensions (m)	Thickness (mm)	Weight (kg)
MAT4-60X60-D178	36/54	ASTM -D178	4	0.6 x 0.6	12.7	12.0

Mat and Blanket Roll

- Heavy Duty PVC Roll - Yellow
- Webbing carry handle
- Use for storage of mat or a ground sheet



Perfect for storing mats

Part No.	Dimensions (mm)	Wt (kg)
TENM738	1150 (L) x 1030 (W)	0.8

40 Cal, CAT 4 Arc Flash Clothing - NSA

NSA 40 Cal Arc Flash ArcGuard® Performance

THE COMFORT REVOLUTION

20% UP TO LIGHTER

LIGHTEST WEIGHT 40 CAL ARC FLASH PROTECTION at 9.5oz

48% THINNER

GORE® PYRAD® TECHNOLOGY PROVIDES 40 CAL PROTECTION IN A SINGLE LAYER

56% MORE FLEXIBLE

ERGONOMICALLY DESIGNED FOR COMFORT & FREEDOM OF MOVEMENT

40 Cal Arc Flash Hoods

ENESPRO ARCGUARD 40 CAL ARC FLASH LIFT FRONT HOOD



Lift Front Hood
ARC40H



Lift Front Hood with Fans
ARC40H1



- GORE® PYRAD® technology ArcGuard® Performance 40 cal protection in a single layer
- Ergonomic design for ease of movement and flexibility
- PureView™ face-shield technology features a greater range of visibility
- Vented clear chin expands downwards increasing face shield view
- Lift front shield makes it easy to obtain fresh air while out of the hazard zone
- Indirect air vents for improved ventilation

Part No.	Garment	ARC Rating	Material
ARC40H	Lift front Hood	40 CAL / CAT 4	9.5oz GORE® PYRAD®
ARC40H1	Hood w/fans		
BCFSHIELD	Bag for Hood & Faceshield		Cotton Flannel

NOTE: Fans can be added to new style hoods

40 Cal - CAT 4 Arc Flash Kits

GORE® PYRAD® technology delivers 40 cal protection in a single layer. Ergonomic design for ease of movement and flexibility

Kit Contents

- Arc Flash ArcGuard™ Lift Front Hood with Pure View™ Face-shield, Hard Hat & Hood Protective Bag
- Arc Flash ArcGuard™ Coat
- Arc Flash ArcGuard™ Bib Overalls
- Back Pack Bag
- Safety Glasses

Part No.	Lift front Hood Style	Rating Cal/cm²	Material
ARC40KITNG-SIZE	Standard	40	Blue GORE® PYRAD®
ARC40KITFANNG-SIZE	With Fans		
ARC40KITNGO-SIZE	Standard	40	Orange GORE® PYRAD®
ARC40KITFANO-SIZE	With Fans		

SIZE - SM = Small, MD = Medium, LG = Large, XL = X Large, 2XL = 2xLarge, 3XL = 3xLarge



40 Cal, CAT 4 Arc Flash Garments

40 Cal, CAT 4 Arc Flash ArcGuard® Performance Jacket

Part No.	Size	Torso ** cm (in")	Sleeve Length mm (in")
ARC40J-SMR	SMALL	86.4 - 94.0 (34 - 37)	87.6 (34.5)
ARC40J-MDR	MEDIUM	96.5 - 104.1 (38 - 41)	90.2 (35.5)
ARC40J-LGR	LARGE	106.7 - 114.3 (42 - 45)	92.7 (36.5)
ARC40J-XLR	EXTRA LARGE	116.8 - 224.5 (46 - 49)	95.25 (37.5)
ARC40J-2XLR	2 EXTRA LARGE	127.0 - 134.6 (50 - 53)	97.8 (38.5)
ARC40J-3XLR	3 EXTRA LARGE	137.2 - 144.8 (54 - 57)	100.3 (39.5)

40 Cal, CAT 4 Arc Flash ArcGuard® Performance Bib

Part No.	Size	Waist ** cm (in")	Inseam mm (in")
ARC40B-SMR	SMALL	86.4 - 94.0 (34 - 37)	81.3 (32)
ARC40B-MDR	MEDIUM	96.5 - 104.1 (38 - 41)	81.3 (32)
ARC40B-LGR	LARGE	106.7 - 114.3 (42 - 45)	81.3 (32)
ARC40B-XLR	EXTRA LARGE	116.8 - 224.5 (46 - 49)	81.3 (32)
ARC40B-2XLR	2 EXTRA LARGE	127.0 - 134.6 (50 - 53)	81.3 (32)
ARC40B-3XLR	3 EXTRA LARGE	137.2 - 144.8 (54 - 57)	81.3 (32)

40 Cal, CAT 4 Arc Flash Lab Coat Kits

Gore® PYRAD® technology delivers 40 cal protection in a single layer. Ergonomic design for ease of movement and flexibility

Kit Contents

- Arc Flash ArcGuard™ Lift Front Hood with Pure View™ Face-shield with Harad Hat & Hood Protective Bag
- Arc Flash ArcGuard™ Lab Coat
- Arc Flash ArcGuard™ Leggings
- Back Pack Bag
- Safety Glasses

Part No.	Lift front Hood Style	Rating Cal/cm²	Material
ARC40KIT-TCNG-SIZE*	Standard	40	Blue GORE® PYRAD®

* SIZE - LG - Large, XL - Extra Large, 2X - 2 Extra Large (All sizes available on request)

40 Cal, CAT 4 Arc Flash ArcGuard® Lab Coat

Part No.	Size	Waist ** cm (in")	Length cm (in")
ARC40J1-L50	LARGE	88.9 - 99.0 (35 - 39)	127 (50)
ARC40J1-XL50	X-LARGE	99.0 - 109.2 (39 - 43)	127 (50)
ARC40J1-2X50	2X-LARGE	109.2 - 116.8 (43 - 46)	127 (50)

All sizes available on request. Contact TEN for further details.

40 Cal, CAT 4 Arc Flash ArcGuard® Leggings

Part No.	Size	Calf Size cm (in")	Length cm (in")
ARC40L-L	LARGE	40.6-45.7 (16-18)	45.7 (18)
ARC40L-XL	X-LARGE	45.7-50.8 (18-20)	45.7 (18)
ARC40L-2X	2X-LARGE	50.8-55.9 (20-22)	45.7 (18)

All sizes available on request. Contact TEN for further details.

** Measure the widest part of the Torso, whether that is Chest or Waist

Contact TEN for a full measurement Guide or CLICK or SCAN the QR-CODE for the PDF

If your measurement fall between sizes, it is recommended you select the next size up

If your sizing falls outside the above charts, please submit your measurements, as garments can be specially made

Please Note: This is a guide only, where possible physically try the garments on for size





12 Cal, CAT 2 Arc Flash Clothing - NSA

12 Cal, CAT 2 Arc Flash Enespro ArcGuard® Coat

- CAT 2
- Fabric: 9oz. Westex® UltraSoft®
- FR hook & loop closure
- Stand up collar for extra coverage
- FR cuffs improve fit with electrical gloves

Part No.	Size	Chest ** cm (in")	Sleeve Length cm (in")
C04UP03-M-32	MEDIUM	101.6 - 111.7 (40 - 44)	90.2 (37)
C04UP03-L-32	LARGE	109.2 - 119.3 (43 - 47)	92.7 (38)
C04UP03-XL-32	EXTRA LARGE	116.8 - 127.0 (46 - 50)	95.25 (39)
C04UP03-2X-32	2 EXTRA LARGE	124.4 - 134.6 (49 - 53)	97.8 (40)

All sizes available on request. Contact TEN for further details.



12 Cal, CAT 2 Arc Flash ArcGuard® Bib Overalls

- Fabric: 9oz. Westex® UltraSoft®
- Quick disconnect and adjustable shoulder straps on bib overalls
- Convenient side pass-through pockets for access to pants pockets
- FR hook & loop calf closure to allow easy donning

Part No.	Size	Chest ** cm (in")	Waist ** cm (in")
C45UP-M-32	MEDIUM	86.3 - 93.9 (34 - 37)	91.4 - 96.5 (36 - 38)
C45UP-L-32	LARGE	93.9 - 101.6 (37 - 40)	99.0 - 104.1 (39 - 41)
C45UP-XL-32	EXTRA LARGE	101.6 - 111.7 (40 - 44)	106.7 - 114.3 (42 - 45)
C45UP-2X-32	2 EXTRA LARGE	111.7 - 121.9 (44 - 48)	116.8 - 124.4 (46 - 49)

All sizes available on request. Contact TEN for further details.



12 Cal, CAT 2 - Arc Flash ArcGuard® Coveralls

- Fabric: 9oz. Westex® UltraSoft®
- Dual Hazard protection against arc flash and flash fire
- Covered two-way zipper front closure for easy entry
- Action back allows for full range of motion
- Elastic waistband on the back to improve mobility, fit & flexibility
- Six pocket design with side pass through
- Leg openings made to fit over work boots
- All metal covered to ensure no contact with skin

Part No.	Size	Chest ** cm (in")	Waist ** cm (in")
C88UP-M-32	MEDIUM	86.3 - 96.5 (34 - 38)	81.2 - 86.3 (32 - 34)
C88UP-L-32	LARGE	96.5 - 106.7 (38 - 42)	86.3 - 96.5 (34 - 38)
C88UP-XL-32	EXTRA LARGE	106.7 - 116.8 (42 - 46)	96.5 - 106.7 (38 - 42)
C88UP-2X-32	2 EXTRA LARGE	116.8 - 127.0 (46 - 50)	106.7 - 116.8 (42 - 46)

All sizes available on request. Contact TEN for further details.

12 Cal, CAT 2 - Arc Flash ArcGuard® Coverall Kit

9 oz Westex® Ultrasoft Single Layer 12 Cal Arc Flash Kit

Kit Contents

- Hover series Face-shield & Protective Bag
- Hard Hat
- Arc Flash ArcGuard™ Coveralls
- Balaclava
- Safety Glasses
- Carry Bag

Part No.	Head Protection	Rating Cal/cm²	Material
KIT2CV11NGB"SIZE"	Hover style Face shield	12	9oz Westex

*SIZE - SM - Small, MD - Medium, LG - Large, XL - Extra Large, 2X - 2 Extra Large

(All sizes available on request)





Arc Flash Head protection - NSA

12 Cal, CAT 2 Face Shroud, Lift Front

- Fabric: 7.5oz Tecgen CC™
- Lined with FR Control 2.0™ antimicrobial fabric
- Anti-fog and abrasion resistant coating
- Auditory vents for improved sound & communication
- Toric lens to reduce glare
- FR silver & yellow reflective tape
- Hard hat included
- Meets current ASTM F1506 and NFPA 70E standards
- Balaclava not required

Part No.	Description
EN123SNTNB01AL	Face Shield CAT 2 - 12cal OptiShield™ Grey
EN123H-SHIELD	Replacement shield for above
BCFSHIELD	Bag for Hood & Faceshield, Cotton Flannel

12 & 20 Cal, CAT 2 Face Shield, Hover Series

- Compliance: NFPA-70E ASTM-F2178
- Material: Lightweight Polycarbonate
- Premium Hover series bracket for weight compensation over hard hat (Included)
- Low profile chin cup
- Highly transparent arc flash face shield for greater visibility
- Anti-fog and scratch resistant coating
- Adjustable settings allow the face shield to be secured in various positions

Part No.	Description	Replacement face Shield
H12HTHAT	12 cal/cm² Hover series Face Shield	H12HT
H20HTHAT	20 cal/cm² Hover series Face Shield	H20HT

16 Cal, CAT 2 & 25 Cal CAT 3 Ultrasoft Balaclava

- Single layer top & bib
- Large face opening
- Durable & heavyweight fabric
- Designed for comfort with flat lock seam when worn under hard hat
- FR fabric will not melt, drip or ignite

Part No.	ATPV Rating	Material
H11RY	16 cal/cm² Protection CAT 2	6.5 oz. Westex® UltraSoft® Rib
H25RV	25 cal/cm² Protection CAT 3	10.5 oz. Westex® UltraSoft® Rib

16 cal, CAT 2 Arc Goggle

- Material: Polycarbonate
- Anti-fog/scratch resistant coating
- PureView Lens
- Silicone frame & strap Nose shield
- Adjustable pivots allow the goggles to be secured

Part No.	Description	Weight (g)
H12GGL	Enespro Arc Goggle 16 cal	140
9700410	Goggle case	200

Arc Flash Accessories - NSA

Flashlight Kit fo Lift Front Hoods

- Intrinsically safe light, Class 1 Div 1
- 2 x AAA batteries (included)
- Light stays in place when shield is lifted
- Clips on right or left side

Part No.	Description	Weight (g)
HLITEKIT	60 Lumen Flashlight Kit for Lift Front Hoods	140

BackPack - Enespro

- Top handle & padded shoulder straps
- Large top zipper opening
- Two side stretch mesh pockets
- Approx. 405 x 305 x 508mm

Part No.	Description	Weight (kg)
AG-BACKPACK	Enespro Basic Backpack	1.0





No need for
Balaclavas



SK40PRG

Arc Flash Clothing 40 Cal - Honeywell

Breakthrough comfort in Salisbury's lightest & most breathable 40cal/cm² premium garments

A DIFFERENCE YOU REALLY CAN FEEL

40cal/cm² Premium range

- Incorporates new GlenRaven GlenGuard outer-shell
- Welspun Spunlace 18, Utexbel K90 Utexbel inner layer
- 11oz/yd²
- 500% and 300% improved breath-ability compared to existing Standard and PLT versions

75-100cal/cm² Premium range

- Incorporates new GlenRaven GlenGuard outershell along with Norfab /KTW
- Welspun Spunlace 18, Utexbel K90 Utexbel inner layer
- 75cal 40% lighter and 475 % more breathable
- 100 CAL 16% lighter and 90 % more breathable

40 cal, CAT 4 Prismshield Plus - Lift Front Hood

- PrismShield™ face-shield, transparent chin guard and standard hood deliver visibility, comfort, ventilation and breath-ability
- Double curved lens limits visual distortion and greatly reduces eye strain
- Venting allows usage for longer periods
- Frameless design increases viewing area by over 20%
- Ventilated bracket design allows carbon dioxide and heat to escape as it rises from the body
- Integrated cooling system available for PRO-HOOD
- Hard hat is included
- Light and light adaptor available

Part No.	Rating cal/cm ²	Standards
LFH40PRG-PP	40 ATPV ratings	Meet current ASTM F2178, ANSI Z87.1 and NFPA 70E standards - E0120 certified

40 Cal, CAT 4 Prismshield Plus - Pro-Hood

- Premium Pro-Hood Premium increases comfort by reducing neck strain
- PrismShield™ face-shield
- Lightweight, soft fabric and optimal fit
- Venting allows usage for longer periods
- Exclusive weight balancing frame
- Hard hat fitting hood shape (Hard hat not included)
- Sewn with Nomex® thread
- Integrated cooling system available

Part No.	Rating cal/cm ²	Standards
FH40PRG-PP	40 ATPV ratings	Meet current ASTM F2178, ANSI Z87.1 and NFPA 70E standards - CE0120 certified

40 Cal, CAT 4 Premium Kits - PRO WEAR™ PLUS

Kit Contains

- Arc Flash Coat
- Arc Flash Bib Overalls
- Arc Flash Pro-Hood or Lift Front Hood
- Supplied with PRISM Shield Lens
- Hard Hat
- Bag
- Safety Glasses
- Sizes S - 3XL
- Meets NFPA 70E

Part No.	Rating Cal/cm ²	Description
SK40PRG *	40	Premium Lightweight Kit with Pro-Hood
SK40PRG *-LF	40	Premium Lightweight Kit with Lift Front hood

S=Small - M=Medium - L=Large - XL=XLarge - 2XL=2x Large - 3XL=3x Large

40 Cal, CAT 4 Lift Front & Pro-Hood Accessories

Full range of Lift Hood accessories available. Contact TEN for further information



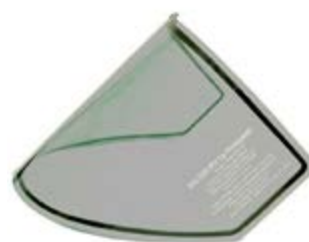
LFH40FSA-PP



SHRD-40PRG-PP



N10R030000



4000-PP



AS12CLIP

Part No.	Accessories for LIFT FRONT HOOD - LFH40PRG-PP
LFH40FSA-PP	Replacement lens for Lift front hood - LFH40PRG-PP
SHRD-40PRG-PP	Replacement Red shroud for Lift front hood - LFH40PRG-PP
N10R030000	Replacement clip Hard Hat for Lift front hood - LFH40PRG-PP
Part No.	Accessories for PRO-HOOD - FH40PRG-PP
4000-PP	Replacement lens for Lift front hood - FH40PRG-PP
AS12CLIP	Replacement Clips (2) for N10 Hard Hat attachments - For all face shields

See page E22 for Task Light Kit and other Accessories

40 Cal, CAT 4 Bib Overalls - Premium Lightweight

- SALISBURY Pro-Wear™ Plus Bib-overall
- 40cal/cm² ATPV Rating
- Sewn with Nomex® thread
- Integrated heavy duty suspenders
- Extended waist tabs for easy opening
- Relaxed cut for greater mobility
- Reinforced articulated knees for enhanced movement
- 355mm leg slits allow dressing wearing boots
- Elongated gussets for easier more natural movement 762mm inseam



Part No.	Size	Rating cal/cm ²	Standards
ACB40PRG*	S, M, L, XL, 2XL, 3XL	40* ATPV ratings	Meets current ASTM F1506 & NFPA 70E standards. CE0120 certified.

40 Cal, CAT 4 Coat - Premium Lightweight

- SALISBURY Pro-Wear™ Plus Coat
- 40cal/cm² ATPV Rating
- Sewn with Nomex® thread
- Nomex® wristlets
- FR hook and loop front closure
- Articulated sleeve for enhanced comfort
- Shortened collar for comfortable neck movement
- Coats are intended to be used with PRO-HOODS



Part No.	Size	Rating cal/cm ²	Standards
ACC40PRG*	S, M, L, XL, 2XL, 3XL	40* ATPV ratings	Meets current ASTM F1506 & NFPA 70E standards. CE0120 certified.

S=Small - M=Medium - L=Large - XL=XLarge - 2XL=2x Large - 3XL=3x Large

**** Measure the widest part of the Torso, whether that is Chest or Waist**

Contact TEN for a full measurement Guide

If your measurement fall between sizes, it is recommended you select the next size up

If your sizing falls outside the above charts, please submit your measurements, as garments can be specially made

Please Note: This is a guide only, where possible physically try the garments on for size

Honeywell

SALISBURY



LFH20FSA-PP



SHRD-20PRG-PP



N10R030000



AS12CLIP

Arc Flash Lift Front Accessories 20 Cal - Honeywell

20 Cal, CAT 2 - Lift Front & Pro-Hood Accessories

Full range of Lift Hood accessories available. Contact TEN for further information.

Part No.	Accessories for LIFT FRONT HOOD - LFH20PRG-PP
LFH20FSA-PP	Replacement lens for Lift front hood - LFH20PRG-PP
SHRD-20PRG-PP	Replacement Red shroud for Lift front hood - LFH20PRG-PP
AS12CLIP	Replacement Clips (2) for N10 Hard Hat attachments - For all face shields

See page E22 for Task Light Kit and other Accessories

Arc Flash Clothing 12 Cal - Honeywell

12 Cal, CAT 2 Pro-Wear Plus Kits

Choose your kit with either BIB-OVERALLS or COVERALLS (See below Table)

Kit Contains

- Bib Overalls or Coveralls (see below)
- Face Shield
- Balaclava
- Safety Glasses
- Sizes S - 3XL
- Large Storage Bag

Part No.	Contents	Rating cal/cm ²	Standards
SK12RG_*-LF-WB-PP	Bib Overalls & above	12 ATPV ratings	ASTM F1506 and NFPA 70E
SKCA12RG_*-LF-WB-PP	Coveralls & Above	12 ATPV ratings	ASTM F1506 and NFPA 70E

* S=Small - M=Medium - L=Large - XL=XLarge - 2X=2x Large - 3X=3x Large

12 Cal, CATR 2 - Bib Overalls - Pro-Wear Plus

- 12 cal/cm² ATPV rating
- Integrated heavy duty suspenders
- Relaxed cut for greater mobility
- Adjustable hook and pile waist straps
- Bib front for added protection
- Adjustable gussets on pant cuffs

Part No.	Size	Rating cal/cm ²	Standards
ACB12RG-*	S, M, L, XL, 2X, 3X	12* ATPV ratings	ASTM F1506 and NFPA 70E





12 Cal, CAT 2 - Coat - Pro-Wear Plus

- 12 cal/cm² ATPV rating
- Sewn with Nomex® thread
- Nomex® wristlets
- Expansion back for added comfort
- FR hook & pile storm flap
- Coats are intended to be used with PRO-HOODS

Part No.	Size	Rating cal/cm ²	Standards
ACC12RG-*	S, M, L, XL, 2X, 3X	12* ATPV ratings	ASTM F1506 and NFPA 70E



12 Cal, CAT 2 - Over Pants - Pro-Wear Plus

- 12 cal/cm² ATPV rating
- Sewn with Nomex thread
- Full elastic waistband with FR hook and pile front closure
- 76.2cm inseam
- Hook and pile cuff adjustment

Part No.	Size	Rating cal/cm ²	Standards
ACP12RG-*	S, M, L, XL, 2X, 3X	12* ATPV ratings	ASTM F1506 and NFPA 70E



12 Cal, CAT 2 - Coveralls - Pro-Wear Plus

- 12 Cal/cm² ATPV rating
- Sewn with Nomex® thread
- Full cut with set in sleeves
- FR hook and pile front closure
- Expansion back

Part No.	Size	Rating Cal/cm ²	Standards
ACCA12RG-*	S, M, L, XL, 2X, 3X	12* ATPV ratings	ASTM F1506 and NFPA 70E

S=Small - M=Medium - L=Large - XL=XLarge - 2X=2x Large - 3X=3x Large

Arc Flash Gloves - Honeywell

12, 20 & 40 Cal PRO WEAR™ Gloves

- Available in 12 to 100cal/cm² ATPV rating
- All gloves are made with arc rated material
- All Arc Flash Gloves are 355mm long
- Sewn with Nomex® thread
- One size fits most

Other ARC Flash Glove styles and sizes available, see below & page E6 & E7

Part No.	Rating Cal/cm ²	Colour & Material
AFG11	12	Navy Blue Indura Ultra Soft
AFG20	20	Navy Blue Indura Ultra Soft
AFG40	40	Grey Indura Ultra Soft



Honeywell

SALISBURY



AS1200HAT-PP
shown with AFHOOD10
(Sold Separately)



AFHOOD10



AFHOOD20

AS1200-PP



AS12CLIP

Arc Flash Face Shields & Balaclavas - Honeywell

12 & 20 Cal Face Shield & Helmet Protection

- Better visibility and color recognition
- Double curved lens - 190 x 508mm viewing area
- Reduced eye strain
- Increased viewing by over 20%
- Improved transparency - Extra light tint
- 3 times more scratch resistant
- Air vents below the chin
- 1.5mm thick lens
- Hard Hat Included

Part No.	Standards
AS1200HAT-PP	ATPV rating of 12 cal/cm ² - NFPA 70E PPE CAT: 3
AS2000HAT-PP	ATPV rating of 20 cal/cm ² - NFPA 70E PPE CAT: 3

For replacement parts see page E20

12 & 20 Cal Protective Balaclavas

Salisbury's Arc Flash Rated Hoods (Balaclava) create 360° head and neck protection from arc flash dangers when used with a AS1000 Series Face Shield/Hard Hat/Chin Cup Unit.

CAUTION - Arc Flash Hoods (Balaclava) must be worn in combination with a face shield in order to comply with the requirements of NFPA 70E and will protect 360° inside the arc flash boundary.

Part No.	ATPV Rating
AFHOOD10	10 cal/cm ² Protection
AFHOOD20	20 cal/cm ² Protection

Arc Flash Accessories 12-20 Cal - Honeywell

Face Shield Accessories

Part No.	Description
AS1200-PP	Replacement Faceshield fits AS1200HAT-PP
AS2000-PP	Replacement Faceshield for AS2000HAT-PP
AS12CLIP	Replacement Clips (2) for Hard Hat attachments - For all face shields

Task Light Kit - Salisbury

Part No. FLKIT

- Task light kit attaches to Salisbury Arc Flash Hoods or Helmets.
- Suits AS1200HAT & AS2000HAT page E19 & FH40 & LFH40 page E16

Kit includes

Part No.	ATPV Rating
ASFL	Attachable Task light (1)
FLCLIP	Attachable Task light clip (1)



Face Shield & Safety Glasses - Honeywell

Face Shield (not Arc Rates)

- Extended head and chin protection.
- Comfortable fit with eye-wear or goggles.
- Dielectric design.
- Fully adjustable ratchet headgear.
- Fully adjustable headband.
- Multiple visor tilt positions.

Part No.	Description
1011623	Face shield, Clear, ABS Frame, Polycarbonate AS/NZS 1337.12010

Safety Glasses

- Economical and stylish eye protection
- Available in Clear and Grey Anti-fog coating

Part No.	Lense	Material	Wt (g)
1015351AN	Grey with Anti Fog	Polycarbonate	21.6
1015360AN	Clear with Anti Fog	Polycarbonate	21.6

Storage - Honeywell

Cotton Storage Bag for Arc Flash helmets

Part No.	Description
ASBAG	Cotton canvas storage bag w/ drawstring closure & fleece interior

Kit Storage Bag

Part No. SKBAG

- Large storage bag for storing Salisbury PRO-WEAR® Plus Arc Flash Clothing, gloves and other accessories
- 610mmL x x380mmH x 305mmD
- High visibility orange

Kit Storage Back Pack

Part No. SKBACKPACK

- Large storage backpack for storing Salisbury PRO-WEAR® Plus Arc Flash Clothing, gloves and other accessories
- Accessory pockets inside and out
- 460mmH x 360mmW x 200mmD
- High visibility orange

Gloves, Outer - Arc Rated 48 Cal, CAT 4

Gloves, Leather - Arc Rated 48 Cal - Youngstown

- Cut Resistant: Level A3 (ANSI/ISEA)
- Arc Rating: 48 Cal/cm²
- Puncture Resistant: Level 5 (ANSI/ISEA)
- FR Strap: Woven Webbing with DuPont™ Kevlar®
- FR Fastener: Heat Stabilized Heavy Duty Hardware
- Premium Cow grain
- Cuff Leather is cow suede

Other styles gloves and arc ratings available, see page E6 & E7

Part No.	Material	Length (mm)	Sizes Available
YT16-5200-12-*	Leather	305 (12")	*7, 8-8.5, 9-9.5, 10-10.5, 11 & 12

* Add size suffix when ordering (e.g. YT16-5200-12-9-9.5)

CAUTION: Arc Flash Gloves do not provide electrical protection. Must only use when insulating rubber gloves are required. *Important: NFPA 70E does not have a Hazard Risk Category above 40 cal/cm². Working on levels above 40 cal/cm² should be avoided due to the blast hazards caused by arc flash.



48 CAL
ARC Rated

ELECTROSTATICS



Conductive Clothing - Arc rated 11 Cal

Protection against electromagnetic fields, induced voltage, electric arc.

Intended for use during live work (bare hand work) on AC or DC networks or when working on discharged powerlines where induction may occur.

Upper layer provides protection against thermal hazards of an electric arc and ignition caused by spark discharge.

Highly conductive band has an electric resistance not more than 1 Ohm and can shunt currents up to 35A without any damage.

Conductive double-sided fabric is a unique material which combines two inseparable surfaces: conductive (steel-silver) and insulating (meta aramid-FR viscose). Such a combination ensures maximum protective features and optimum level of comfort during work.

Clothing Kits - Conductive Arc rated - Electrostatic

Part No. Various Kits

- Two removable equipotential bonding leads with or without clamps
- ATPV level - 11 cal/cm²

Part No.	Clothing Type	Size	Description
ELS-CS-JT-M	Kit	Medium	Conductive Jacket with hood and face mesh, Trouser with bib, Gloves and Socks
ELS-CS-JT-L		Large	
ELS-CS-JT-XL		X-Large	
ELS-CS-JT-XXL		XX-Large	
ELS-CS-JT-XXXL		XXX-Large	



Radio Frequency (RF) Radiation Protection Clothing

Part No. Various



Clothing Kits - Radio Frequency - Euclid

- Kits available up to 2GHz
- Minimal restrictions for tower climbing
- Pockets designed around fall arrest harness
- Zipper and Velcro closures at ankles and cuffs
- Hood fits over hard hat and has stainless steel screen
- Kit includes laminated field instruction and warning card

Part No.	Size	Chest Measurements (mm)	Kit Description	Wt (kg)
KW-GARD/KIT-M	Medium	Up to 1070	Industrial Coverall and Hood. Elbow Length Gloves and Knee High Socks. In Carry Bag.	2.3
KW-GARD/SET-L	Large	1070 to 1170		
KW-GARD/SET-XL	X-Large	1170 to 1270		
KW-GARD/SET-XXL	XX-Large	1270 to 1370		

Conductive Boots, Socks and Gloves

Gloves and Socks - Conductive Arc rated - Electrostatic

Part No. Various

- Conductive shielding gloves & socks
- Supplied without clamps
- Electric resistance not more than 30 Ohms
- ATPV level - 10 cal/cm²

Part No.	Sizes	Description
ELS-CG-10/12	10 & 12	Arc Rated Conductive Gloves
ELS-CS-41-42/43-44/45-46	(European) 41-42, 43-44 & 45-46	Arc Rated Conductive Socks
ELS-BL-NC	Replacement bond lead	

Gloves and Socks - Conductive Arc rated - Euclid

Part No. Various

Nomex® and stainless steel fibres blended with cotton to providing long wearing comfort Jersey knit with an elastic rib calf that fits over the pant leg of the suit

- Features
- Clothing creates a soft Faraday cage
- Comfortable and durable
- Supplied with test certificate
- Under 100 Ohms conductivity
- Washer and dryer safe
- Double needle stitching on all seams
- Gloves (Pair)
- One Size Fits All
- Hand Length - Short

Part No.	Size	Description
13-38-811	One Size fits all	Conductive Gloves
28-38-911		Conductive Socks

Conductive Boots - Royer

Part No. Various

LP Royer Boots are world renowned as a leading manufacturer of the highest quality leather conductive boots.

Features

- Electrical resistance between 0 and 10,000 Ohms
- Waterproof full-grain leather
- Puncture-resistant steel plate
- CHEVRON vulcanized rubber sole
- ROVAK padded ankle protector to improve climber comfort
- Double conductive calf strap
- Steel protective toecap
- ROVAK dual-rib steel shank
- Canadian-made 10 inch boot
- Leather lining
- Conductive sole

Part No.	Size AU/UK Men	Size AU/UK Women	EUR	Heel to Toe (mm)
408386-7	7	8.5	39.5	250
408386-8	8	9.5	40.5	258
408386-8.5	8.5	10	41.5	262
408386-9	9	10.5	41.5	267
408386-9.5	9.5	11	42.5	271
408386-10	10	11.5	43.5	275
408386-10.5	10.5	12	44.0	279
408386-11	11	12.5	44.5	284
408386-12	12	13.5	46.0	292

Contact TEN for a LP Royer Boot sizing chart





Insulated Gumboots - Class 2

Part No. 202212-Size

- High-spec, fully waterproof, hand-built, rubber dielectric safety boot.
- Manufactured with specially formulated insulating layers offering electrical protection over the whole boot.
- Yellow upper allows for easier visual identification and in-service inspection.
- Built on the popular Quatro - gives a generous fit while locking the ankle and preventing heel slip.
- EN ISO 20345:2011 - EN 50321-1:2018 - Class 2

Part No.	Size
202212-*	US5-15 - UE38-49 - UK4-14

* Add size suffix when ordering - Contact TEN for Size chart

Gaiters - Quagmire Canvas

A must
for working
in remote
locations



- Shin protection provided by the adjustable 50mm velcro front opening gives fantastic fit and easy access
- Cool comfortable 8 oz Corespun canvas
- Canvas upper section stands up well with the top open for ventilation and comfort
- Super hard wearing replaceable underfoot strap
- 1000 denier Kodra boot section with lining
- 3 sizes for optimum fit
- Ideal protection from snake bite

Part No.	Size	Approx. Calf Diameter (cm)* Allow extra room for adjustable 50mm velcro
AHDGS	Small	39
AHDGM	Medium	40
AHDGL	Large	43
AHDGXL	X Large	45

Hardhat Stabiliser - Safemate™

Safe Mate is a hard hat stabilising accessory for hard hats and welding helmets. Quick to fit and offers additional comfort to the wearer.

- Comfortable silicon rubber grip
- Long lasting, easy to install Unique safety accessory for hard hats and welding helmets
- Greatly reduces the chance of your helmet falling off
- Fits extensive range of hard hats and helmets

Part No.	Size	Suits Helmet Type	Wt (kg)
SM2	2 tab	Twist Knob Adjustable (suits most style helmets)	0.03

Ear plugs - MAX LITE™ Honeywell

Single-use ear plug including comfort feature. Highest rating SLC80.

Part No.	Description
LPF-1	Uncorded ear plug (200PR Individual PR. Poly Bag)
LPF-LS4	Uncorded ear plug (200PR Refill)



Stops
your
hardhat
slipping



LPF-1

LPF-LS4



Warning & Phase Markers - Overhead Lines

Warning Marker Balls



Part No.	Diameter (mm)	Colour			
		Orange	Red	Yellow	White
AWM-600-O	600	O			
AWM-600-R	600		R		
AWM-600-Y	600			Y	
AWM-600-W	600				W
AWM-300-O	300	O			
AWM-300-R	300		R		
AWM-300-Y	300			Y	
AWM-300-O	300	O			
AWM-200-OW	200	O			W

Warning Flags

Insulated & bare lines need to be adequately marked to reduce risk of machinery collision or contact by workers. With the specialist application tool fixed to a hot stick, warning flags can be attached LIVE to powerlines from the ground or a bucket truck.

- Approved to AS/NZ 3891 Part 2
- Available in two clamp sizes



Part No.	Clamp Size (mm)	Flag Colour	Patch Colour
SF17PE1055-*	*S = 6-16 or *L = 10-70	Orange	White
SF17PE1056-*	*S = 6-16 or *L = 10-70	White	Green
SF17PE1057-*	*S = 6-16 or *L = 10-70	Orange	Green

See below for other available markers



Firefly Markers



Quickmarks



Birdmark Afterglow

Warning Marker Application & Removal Tool

Application Tool for Flags and Markers

- Fast and effective removal/ application
- Sunrise fitting suits Universal Hotstick

Part No.	Description	Clamp Size (mm)	Colour
SF17PE1025	Combination Tool	6-70	Orange



SF17PE1025

DNOBHOOK



A10-094DNOB



9638

DNOB Hook, Applicator, and Tag Clamp

For marking isolated switches, visual warning or a means of tagout.

Part No.	Description
DNOBHOOK	Hook tag, danger, DO NOT OPERATE
A10-094DNOB	Fuse cup, non-conductive, yellow, DNOB applicator
9638	Tagging Card Clamp - Temporary line clamp with spring loaded jaw for use with tagout cards, apply by shotgun



Kits available to meet individual
State and Territory requirements

Contact TEN
with your
requirements



Rescue Kits & Accessories

Low Voltage Switchboard

Part No. LVRK

TEN's low voltage switchboard rescue kit is used for the safe rescue of victims who suffer electric shock or other injuries when working on LV switchboards in electricity supply and industrial substations.

- Custom kits can be supplied to customer requirements.
- Optional Step and mats available on request.

Complies with the requirements of state energy providers
and in accordance AS4836

Bag Features

- The kit is supplied in a PVC carry bag with internal divider
- The bag features shoulder strap and quick-open velcro tab for easy access.

Kit Contents	
Part No.	Description
2091907-11	Gloves Pair - 1000V Class "0" Size 11
RK-LVHOOK	Rescue Hook – Insulated PVC glow in the dark
RK-TORCH	Torch LED - Non-Conductive
RK-FIREBLKT	Fire Blanket 1.2m x 1.8m - AS/NZ3504
RK-THERMAL	Thermal Shock Blanket
RK-BANDAGE	Bandage, Multi Trauma Dressing 250 x 750mm
RK-SIGN	Hanging Sign – "Isolate Here In Emergency"
RK-MASK	CPR Mask (CE Approved)
DSRABCD	CPR Wallet card
TENM532	PVC Bag – 'LV Rescue Kit' with divider & shoulder strap
-	Card listing contents and conformity

High Voltage Switchboard

Part No. HVSrk

- Custom kits can be supplied to customer requirements.
- Optional Step and mats available on request.

Kit Contents	
Part No.	Description
NG216YB-11	17kV Class "2" Yellow/Black Size 11
24401	Salisbury 6ft (1.8m) Insulated Rescue Hook
HOOK-HV	Rescue Hook – Insulated Plastic
RK-TORCH	Torch
RK-FIREBLKT	Fire Blanket 1.2m x 1.8m - AS/NZS3504
RK-BANDAGE	Bandage, Multi Trauma Dressing 250 x 750mm
RK-SIGN	Hanging Sign – "Isolate Here In Emergency"
3218	First Aid Quick Reference Guide
TENM527	PVC Bag – 'HV Rescue Kit' with divider & shoulder strap
	Card listing contents and Next Test Date table



Pole Top Rescue Kit

Part No. PTRK

Example Components List

- Kit bag - yellow
- Rubber & Outer Gloves & Glove Bag
- Rope
- Knife
- Universal Pliers
- Tool Pouch
- Cutters
- Rescue Belt, Pole strap, Body Belt
- Descent Ring
- Decent Device
- Decent Bag
- Screw Gate Karabiner
- Snap Hook
- Anchor Strap
- Crook
- CPR Card
- Contents Card

Contact TEN
with your
requirements

Components for each State Kit vary, please check your local regulations to ensure correct components are requested

Tower Rescue Kit

Part No. TRRK

Example Components List

- Storage backpack yellow
- 65m rope with sewn eye and triplock karabiner
- FDU100 Rescue Descender with triplock karabiner
- 50mm x 1200mm anchor sling
- 25mm x 1200mm round sling
- Rescue knife with extender and 2 alloy triplock karabiner
- Mechanical advantage retrieval system
- Cervical collar (optional)

Components may vary depending on state or territory requirements.

Rescue Hook - Insulated

Part No. Various

- Foam filled fibreglass reinforced handle
- Coated Heat treated hook
- Aluminium Bronze hook

Part No.	Hook Opening (cm)	Dimensions (cm)	Weight (kg)
24401	51	182 x 51 x 3.2	2.27
24403	51	244 x 51 x 3.2	4.54

Rescue Hooks - High Voltage

- Hook can be removed for storage & transport
- Type Tested to 75kV
- Designed for rescue on Voltages up to 45kV

Part No.	Hook Opening (cm)	Dimensions (cm)	Weight (kg)
HOOK-HV	51	170 x 51 x 3.2	1.6

Fall Restraint/Anchor Point

- Lightweight anchor point
- Ideal for work from ladders or platforms
- For wood, concrete or steel poles
- Provides isolation from potential electrical hazards
- U-Bolt for lanyard connection

Part No.	UTS (kg)	Fibreglass Shaft (mm)	Nylon Strap length (m)	Wt (kg)
3861	2,265	150	1.1	4.5



HOOK-HV





Safety Belts, Harnesses & Accessories

Belt, Rescue - Honeywell

- Belt, body, rescue, polestrap attached, orange, for poletop rescue kit, Honeywell

Part No.	Description	Weight (kg)
M1020261	Rescue Belt, Orange, c/w Elastic Loop	2.0



Harnesses - Aircore

Tower Worker - Soft Loop Harness suitable for Line Workers on Tower, Ladder, & Pole Top

- Lightweight components to reduce fatigue
- Corrosion-resistant lightweight aluminium hardware
- Quick operating cam buckles on the shoulder straps
- Quick-connect leg and chest buckles
- Aluminium frontal D-ring and rear fall arrest D-ring with fall indicator
- Work positioning side D-rings for working with pole straps
- Equipped w/confined space webbing loops for attachment to spreader frame

Part No.	Size	Weight
M1020227	Small	2.7
M1020228	Medium/Large	
M1020229	X-Large/XX-Large	



Harness - Tower Worker

- A versatile harness with front and rear connections
- Rear 400mm D-ring extension
- Pelvic d-rings for work positioning and confined space rescue loops
- ErgoArmor™ back shield protects from snap hook and lifeline injury
- Adjustable chest, waist, shoulder and leg straps
- Complies to AS/NZS 1891.1 2007

Part No.	Description	Size	Weight (kg)
TOWER-WORKER	Front & rear fall arrest, ext dorsal, side & CS Loops	Medium	2.9
TOWER-WORKER-L		Large	



Harness - Revolution

- Approved to AS/NZS 1891.1:2007
- Rear 400mm D-ring extension and frontal fall arrest attachment
- Pelvic D-rings for work positioning and confined space rescue loops
- ErgoArmor™ back shield protects from snap hook and lifeline injury
- Quick adjust, comfortable, durable polyester/DuraFlex™ webbing

Part No.	Description	Size	Weight (kg)
M1020056	Front & rear fall arrest, ext dorsal, side & CS Loops	Medium	3.4
M1020099		Large	



Harness - Elite.2

- Approved to AS/NZS 1891.1:2007
- Frontal fall arrest D-ring and extended dorsal D-ring
- Work positioning side D-rings for work with pole straps
- Fully adjustable waist, shoulder, leg and buttock straps
- Lumbar and buttock padding offering greater comfort

Part No.	Size	Weight
M1020119	Small	2.9
M1020114	Medium/Large	
M1020117	X-Large	



Harness - Duraflex Glove & Barrier

- No metal above waist
- Frontal belay loops for frontal fall arrest (must be used together)
- Rear 500mm extended dorsal with soft eye
- All attachment points are clearly labelled and define the application of the attachment
- Manufactured from DuraFlex™ polyester webbing which provides flexibility of movement for the wearer

Part No.	Size	Weight (kg)
M1020008	Medium/Large	1.3

Controlled Decent Device

The Miller Manual Descent Device is designed for a variety of applications where smooth, controlled descent from an elevated position is required. Kernmantle rope is designed to optimise strength, durability and flexibility while being an economical choice.

16m kernmantle rope with double action hook either end.

Part No.	Description	Weight (kg)
A23M16.0CWDD	Manual Descent Device, 16m Rope, DA Hook	5.5

Straps - Pole

- For line and pole work, supports a worker atop a pole
- An adjuster alters working length
- Protection sleeve increases webbing life
- Double action hooks at each end with 19mm gate opening

Part No.	136.1S	138.1S	139.1S	1312.1S
Length (m)	1.8	2.4	2.7	3.6
Features	1 x double action 19mm hook (6650) each end			

Lanyards - Stretchable Energy Absorbing

- Unique stretchable lanyard design that minimises the length of the lanyard preventing tripping or snagging
- Elastic inner core contains the un-extended length of webbing
- All lanyards comply with AS1891.1
- Outer load bearing tubular polyester webbing provides strength and durability
- Integral compact energy absorber, visual indication if a fall has occurred
- "Manyard" style has no energy absorber pack

Part No.	Type	Length (m)	User end	Anchor end (mm)
M1010024	Single Lanyard	2.0	19mm Snap	19 Snap
STRETCHSTOP	Single Lanyard	1.8	19mm Snap Hook	19 Snap Hook
L11SEC1.5	Single Lanyard	1.5	19mm Snap Hook	19 Snap Hook
L11WEC1.5	Single Lanyard	1.5	19mm Snap Hook	19 Snap Hook

Tie Off Adaptor Webbing

Webbing tie off adaptor, wraps around an anchorage point providing a suitable connection

- 25mm webbing, 1.0mtr in length
- Single person use.

Part No.	Type	Length (m)	Weight (g)
WTO1M	Webbing	1.0	130

Sling - Anchor - Rescue

- 1.6m anchor strap/sling with dee ring one end, and reversed eye other end
- Protective sleeve prevents wear on webbing from cross-arms etc
- Easy attachment to dee ring by anchorage line or lanyard
- Refer to AS/NZS 1891.4 for information on anchorage strength

Part No.	Size (m)	Description
ME10091.6	1.6	Tie off, dee reversed eye, adaptor - Orange



M1010024



STRETCHSTOP





Vehicle Ground Mats & Outrigger Pads

Ground Protection Mats - AlturnaMats

- For temporary road ways and paths
- Distributes weight across soft surfaces
- Protects ground from damage and vehicle bogging
- Link together to create a temporary road
- Carrying hooks sold separately
- Manufactured from recycled material

Material	12.5mm thick Recycled Polyethylene
Load (T)	60

Create temporary roadways and safe work paths

Part No.	Description (m)	Wt (kg)
AM-18-09	1.8 (L) x 0.9 (W)	15
AM-24-09	2.4 (L) x 0.9 (W)	29
AM-24-12	2.4 (L) x 1.2 (W)	39
AMHOOKS	Carry Hook	1.7

Outrigger Pads

- Reduce manual handling risks of heavy wooden dunnage and splinters
- Distribute weight evenly across a large footprint to prevent sinking or slipping into the ground
- Can be used to stabilise crane legs, scaffolding structures, uprights and angled loadings
- Tough and durable polyethylene

Part No.	Size (mm)	Vert Load Capacity (T)	Wt (kg)
PAD-15151	380 (L) x 380 (W) x 20	18	3
PAD-18181	450 (L) x 450 (W) x 25	24.9	5
PAD-24241	600 (L) x 600 (W) x 25	27	9
PAD-24242	600 (L) x 600 (W) x 50	28	17.2
PAD-30301	760 (L) x 760 (W) x 25	36	14.0



A lightweight alternative!

Containment and Pole Setting Bags - ABG

FLEXTRAY® - ABG

A flexible spill tray for the easiest, safest way to transport and store oil filled apparatus

- Lightweight Design For Easy Storage & Setup
- Easily Stored on Truck
- Safely Contain PCB's and Other Contaminants
- Avoid Preventable Spills
- Universal Portable Containment Tray
- Easily Secure Tray To Transformer With Cam Buckles & Webbing
- Recyclable
- Available in 3 Sizes



CLICK or SCAN to watch the FlexTray in action.



PREVENT OIL SPILLS INTO THE ENVIRONMENT



Part No.	Folded Size (mm)	Open Size (mm)	Wt (kg)
CT-084	1067 (L) x 559 (W) x 254	2134 (L) x 2134 (W) x 457 (H)	8
CT-096	1143 (L) x 635 (W) x 305	2438 (L) x 2438 (W) x 457 (H)	14.5
CT-108	1219 (L) x 771 (W) x 381	2743 (L) x 2743 (W) x 381 (H)	16

Transformer Containment Bags

Bigger & Stronger Safety Orange Transformer Containment Bags

Safely Contain, Lift, Transport & Store all sizes of LEAKING TRANSFORMERS

- Helps to reduce preventable spills that release unwanted oils into the environment
- Easy to store on truck solution for safe transport and storage of faulty transformers
- Reduce costs of transporting large steel containers as well as the cost to clean up leaks



**PREVENT OIL SPILLS
INTO THE ENVIRONMENT**



CLICK or SCAN to
watch the BOB
in action.

BOB® Replacement Pole-Mounted Transformer Bag (Round)

BOB Part No.	Dimensions (m) (D) x (H)	Capacity (kg)	Old Part No.	Dimensions (m) (D) x (H)	Capacity (kg)
BOB-26	0.66 x 0.76	567	PT-22	0.55 x 0.65	635
BOB-32	0.81 x 0.96	630	PT-30	0.75 x 0.90	860
BOB-42	1.07 x 1.22	907	PT-42	1.00 x 1.20	1020

BOB® Replacement Pad-Mounted Transformer Bag (Rectangular)

BOB Part No.	Dimensions (m) (D) x (W) x (H)	Capacity (kg)	Old Part No.	Dimensions (m) (D) x (W) x (H)	Capacity (kg)
BOB-48	1.22 x 1.22 x 0.91	1361	PMT-48	1.20 x 1.20 x 0.90	1360
BOB-60	1.52 x 1.52 x 0.91	1814	PMT-60	1.52 x 1.52 x 0.90	1814

POLESETTER ROCKBAG - ABG

The safest and fastest way to re-set poles and back filling

- 5:1 Safety Factor
- Self-Standing Rugged Design
- Flow Control Discharge Spout
- Quick Fill & Rapid Release
- Top-Lift Safety Rated 5x Capacity
- Compact For Easy Storage
- Reusable & Recyclable



CLICK or SCAN to
watch the Polesetter
bag in action.



Part No.	Capacity (kg)	Open Size (mm)	Volume (lt)
PS-01	680	610 (D) x 813 (H)	208
PS-02	907	762 (D) x 914 (H)	416

LADaMAX

150KG

RATED AS 1892

LENGTHS 2.7/3.9m – 5.1/8.5m

Pole Chain Standard

Heavy Duty
50 x 6mm Top Iron

150KG RATED

AS 1892

LENGTHS 0.61 – 1.74m



Ladders - Fibreglass

EXTENSION - LADaMAX

Part No. Various

- Designed for power companies
- Rung replacements
- Easy to use
- Uv resistant
- Solid foundation
- Safety features
- Lightweight
- Pole chain

Extra Heavy-Duty Clutch


NON-CONDUCTIVE
SAFE FOR ELECTRICAL WORK

UV RESISTANT
BUILT FOR HARSH AUSTRALIAN CONDITIONS


Part No.	Retracted (m)	Extended (m)	WLL (kg)	Width (mm) (Internal)	Width (mm) (External)	Wt (kg)
FXT082	2.7	3.9	150	390	405	17
FXT102	3.3	5.1	150	390	405	20
FXT112	3.9	6.3	150	390	405	25
FXT142	4.5	7.5	150	390	405	28
FXT162	5.1	8.5	150	390	405	31

Standard PLATFORM STEP - LADaMAX

Part No. Various

- UV RESISTANT FIBREGLASS
- NON-CONDUCTIVE
- Safest, Failsafe platform
- Stronger full gusset base brace "GUSSET GUTZ"
- Swage-lock step connection 50% stronger
- Strongest plated foot connection
- Lightweight

Fail-Safe PLATFORM



Caster Ready

Part No.	Platform Height (m)	WLL (kg)	Width (mm)	Wt (kg)	Cube (m³)
FPS5-2G	0.61	150	580	11	0.21
FPS6-3G	0.88	150	620	12	0.26
FPS7-4G	1.17	150	660	13	0.32
FPS8-5G	1.14	150	700	14	0.39
FPS9-6G	1.74	150	740	15	0.46

150KG RATED | AS 1892
LENGTHS 1.8/3.0m – 2.4/4.2m



Dual Purpose - STEP & STRAIGHT - LADaMAX

Part No. Various

- UV RESISTANT FIBREGLASS - lasts longer and better value
- NON-CONDUCTIVE - safe for electrical work
- Swagelock step connection 50% stronger
- Stronger full gusset base brace
- "GUSSET GUTZ" - More stable tapered rear frame
- Stainless steel connectors
- Strongest plated foot connection
- LIGHTWEIGHT - Strongest, double hollow step treads



Part No.	Step Ladder (m)	Extended (m)	WLL (kg)	Width (mm)	Wt (kg)	Cube (m³)
FSE062	1.8	3.0	150	545	10	0.17
FSE072	2.1	3.6	150	585	12	0.21
FSE082	2.4	4.2	150	625	14	0.26

BRANACH
SAFETY. OUR WAY OF LIFE



Powermaster EXTENSION - Branach

Part No. Various

- Lightweight and effortless action to deploy
- Flat D rungs provide safety and comfort to the height worker
- Branach Latch or Conventional Latch available
- Swivel foot maximises grip on uneven ground
- Complies to AS/NZ 1892.3 1996 / ANSI-ASC A14.5-2007
- Full range of accessories including rubber feet, pole strap, lashing options and more
- Step platforms and single ladders also available, contact TEN for the full range

Part No.	Retracted (m)	Extended (m)	WLL (kg)	Wt (kg)
FED 3.0	2.14	3.00	160	15.5
FED 3.4	2.40	3.40	160	18.5
FED 4.0	2.70	4.00	160	15.5
FED 5.2	3.30	5.20	160	18.5
FED 6.4	3.90	6.40	160	21.6
FED 7.6	4.50	7.60	160	27.1
FED 8.8	5.10	8.80	150	31.5
FED 9.4	5.80	9.40	140	35.5
FED 9.8	5.80	9.80	120	35.5

Cleaning and Maintenance Solutions

Complete Range of Cleaning products and maintenance solutions for the Power Industry



For instruction on how to clean hot sticks, CLICK or SCAN to watch our video.



HASTINGS
A WORLDWIDE SUPPLIER OF
Hot Line Tools & Equipment

Polywater®
Solutions at work.

Silicon Cloth



Solar Panel Wash



Boom Wipes



SOLUTIONS FOR EVERY SITUATION

Rubber Goods Cleaner (RBG)

For Gloves, Sleeves and rubber mats & hoses

Multipurpose Cleaner/Degreaser (HP)

Industrial & Maintenance cleaning

Powerclean (RPC15)

Powerful degreaser/cleaner detergent

Boom Wipes (B-1/D72)

Pre-saturated lint free boom wipes

Fibreglass Wash

Boom & Bucket Pre-Wash

All Purpose Cleaner (10-195/168)

Fibreglass, tools, booms, trucks, coverup equipment, plastics.

Cleaning Kit also available

Gel Removal Wipe (TC-1)

SqueakyKleen, cleans and fans fibre (Fibre-Optic)

Fibreglass Wax (W-1/16)

Wax & Buff kit and Fast hazing wax

GrimeAway Wipes (HTC)

Multipurpose Cleaning wipes - Transformer Oil, Cable gels etc.

Hot Stick Wipes (10-188)

Cleans and applies water repellent

Hot Stick Cleaner (S-1)

Alcohol-based cleaner and water repellent

Solar Panel Wash (SPW)

Safe cleaner for Photovoltaic (PV) Panels

Advice on The Care and Maintenance of Your Equipment

INSULATED GLOVES & SLEEVES

As a reminder to our Insulating Glove and Sleeve customers and users, the best advice to ensure that these items are clean and maintain their insulating properties is to follow the ASTM guidelines 'In-Service Care of Insulating Gloves and Sleeves' and 'Visual Inspection of Electrical Protective Rubber Products' (ASTM F496 and F1236). Washing with Polywater® Rubber Goods Cleaner (RBG-*), a specially formulated cleaner for removing GREASE – DIRT – CARBON and other grime is the best way to ensure your gloves and sleeves are spot-cleaned of heavy contaminants. Per the standard, "The gloves and sleeves shall be washed with a mild soap or mild detergent and water. After washing, the gloves and sleeves shall be thoroughly rinsed with water to remove all soap or detergent and dried. Regarding hand sanitizers, it is recommended to use hand sanitizers that are produced with one or more of the following alcohols: Ethanol, n-propanol, or isopropyl alcohol. These three alcohols are not harmful to the gloves or sleeves at room temperature. Hand sanitizers should include alcohol levels above 60% and should not have fragrances or scrubbing beads. Wiping gloves at room temperature with one of the three alcohols is fine as well. For this purpose, the Polywater® S-1 alcohol-based water repellent wipe (this product contains a minimum 60% Isopropyl alcohol) is an ideal option. This advice is for Salisbury rubber goods, and other manufacturers should be consulted for their products. Some latex products may have different cleaning requirements.



ARC FLASH SHIELDS AND GARMENT RECOMMENDATIONS

Clean and inspect the Honeywell Salisbury Face Shield after every use. Use of mild soap with warm water followed by a pat dry is recommended. Always refer to the user manual for further detailed instructions. Garments and fabric components should be washed regularly using warm water and a mild detergent. The water temperature should be warm but no higher than 70°C. Tumble dry at normal temperature. Always refer to the user manual for further detailed instructions.

Chlorine bleaches such as those containing sodium hypochlorite, oxygen bleaches such as hydrogen peroxide as well as soaps (salts of fatty acids) should not be used to wash the PPE either separately or in detergents as they may affect the protective properties of the PPE. Fabric softener, detergent containing fabric softener, or dryer sheets should not be used during dryer cycles. Use of disinfectants can harm the materials arc protection properties.

HOT STICKS AND FIBREGLASS

Check the Fibreglass section for stick Cleaning, Re-Finishing & Repair products.

For stripping back heavy contamination and prior to re-waxing, use the Hastings All-Purpose, Safe, non-toxic, biodegradable, PH neutral & non-flammable Cleaning Concentrate (Part 10-195). Once the surface has been cleaned thoroughly, it is critical to re-wax the stick. The Polywater® Fibreglass Wax and Buff Kit is a simple, easy to use, one application wipe ideal for this purpose. The lint-free wipe is saturated with fast hazing wax and a soft lint-free towelette is included for buffing the wax to a shine.

This improves the dielectric performance by restoring the water beading properties. Also available is the Polywater (W-16) bottle of wax and Hastings Hot Stick Wax (10-091)

It should be noted, waxing is best done after a thorough stick cleaning. Use of wax products over contaminated surfaces only locks the dirt in. For spot cleaning the sticks and daily before use, the Polywater® Water Repellent Wipe (Part S-1) that (contains a minimum 60% isopropyl alcohol and silicone) helps clean and restore the water beading properties of the stick. This will also work to sanitise the stick before and after use if used correctly. Also available for spot cleaning and daily before use is the Hastings (10-188) hot stick wipes containing silicone (note these do not have an alcohol content, these are petroleum based).



BOOM & BASKET CLEANING

For washing booms, use Simple Green industrial cleaner, for spot cleaning of booms and baskets we recommend the Polywater B-D72 handy wipes and (B-1) large for mat Towels for cleaning grime, grease and contaminants from the surface.



ELECTRICAL & INDUSTRIAL EQUIPMENT

For a multitude of other surfaces, the Polywater® Multipurpose Cleaner / Degreaser (Part No. HP™) is the ideal solution. It replaces ozone-depleting CFC's, trichloroethane and other carcinogenic chlorinated solvents. Safe for use on: Transformers (Pole & Pad-mount), Switch Gear & Motors, Control Devices, Generators & Fusible Disconnect devices, to name a few. The HP wipes are an all-rounder and available in a 72 wipe (HP-D72) cannister.

Cleaner - Rubber Goods

A specially formulated cleaner for removing
GREASE – DIRT – CARBON

- No mixing required
- Excellent cleaning power
- Harmless to all elastomers (rubbers)
- Multiple package options
- Environmentally friendly
- Non-toxic and non-corrosive

Rubber Goods cleaner contains no hazardous ingredients and is pH neutral

Part No.	Description
RBG-1	Individual Sachet
RBG-D72	Dispenser of 72 saturated wipes
RBG-35LR	950ml Bottle with sprayer
RBG-128	3.8L Bottle
RBG-640	18.9L Drum

Powerclean Concentrate 15L

Part No. RPC15

- Powerful degreaser/cleaner detergent
- Ideal for cleaning rubber ground mats, soak goods for best results
- Supplied in 15 Litre Drum
- Weight 16.3kg

Pre-wash - Boom and Bucket

- Convenient, pre-saturated, lint-free wipes in two sizes
- Large and durable for maximum surface coverage
- Won't remove or adversely affect gel coat & prevents "build-up" over time
- Powerful cleaner removes grease, dirt, tar, and grime from booms and buckets
- Water soluble for easy water rinsing
- Removes road and sea spray salts (salt water is more conductive)

Part No.	Description
B-1	Individual saturated 600mm x 600mm wipe in sealed foil pouch
B-1-K	As above, box of 24
B-D72	Dispenser of 72 saturated wipes 254mm x 305mm

Cleaner, Concentrate - All Purpose

- Concentrate for fibreglass, tools, booms, trucks, cover-up equipment, plastics
- 20:1 standard concentrate mix ratio (20 parts water: 1 part concentrate)
- Used for removing dirt, grease, metal oxides and other contaminants
- Safe, non-toxic, biodegradable, PH neutral & non-flammable

Part No.	Description	Wt (kg)
10-195	All purpose cleaner concentrate 19L Drum	18.2
10-168	All purpose cleaner concentrate 3.8L bottle	3.6
10-197	6pk Cleaning Kit: 6 x 200ml ready to mix bottles/ 14 ultra fine non-metallic pads/ 6 adhesive identification bottle labels	1.6

Cable Cleaning Wipe

- Safe: Excellent alternative to brominated and chlorinated solvents.
- Fast Evaporation: Evaporates quickly and leaves no residue.
- Tested: High dielectric strength of 56kV meets IEEE 1493
- Proven: Approved by medium voltage cable manufacturers.

Part No.	Description	Pack
RP-1	120 x 200mm Pre-moistened wipe	96 case



RBG-640

RBG-D72

RBG-35LR



RPC15



B-D72



B-1



Cleaner/Degreaser - Multipurpose

Part No. HP Series

Polywater® Type HP™ is our most popular electric cleaner for cable splice preparation, cable termination, and electrical apparatus maintenance. HP fits the needs of electrical utilities, line contractors, and medium voltage crews that need to comply with regulatory and safety requirements. Type HP is available in a wide range of bulk and kit packaging options.

- One cleaner for all your Electrical and Communications cleaning needs
- Suitable for cable gels, cable jackets, switchgear, transformers and a host of general degreasing applications
- Harmless to most plastics, including polycarbonate, ABS and polyethylene
- Contains no CFC's, HCFC'S, chlorinated solvents, perchloroethylene, or other ozone-depleting solvents
- No residue, non-conductive, non-corrosive, non-freezing, non-staining to metals



HP-D72



HP-35LF

Part No.	Description	Pack
HP-D72	Multi Purpose Cleaning Wipes	72 Wipes
HP-35LF	Bottle with flip top	950ml

General degreaser for Electrical and communications cleaning



Presaturated Wipes - eliminating spill hazards and limits vapour exposure.

Cleaning Wipes - GrimeAway Multi Purpose

Part No. HTC-Series

Tough on Dirt, but Field Friendly.

Polywater® Grime-Away™ quickly and effectively removes hydraulic fluids, silicone greases, and adhesives from transformers, vehicles, heavy machinery, tools, and hands for a clean and safe working environment. Its unique water-based formulation is especially safe on skin, unlike most other tool and hand cleaners. Grime-Away is available in a multiple-use, 72-count canister or individual wipes that store easily in tool pouches or lineman bags.



HTC-D72

Part No.	Description	Pack
HTC-D72	Dispenser with 72 Pre-moistened wipes*	72 Wipes
HTC-1	Individual Pre-moistened wipes*	144 per case

*Not suitable for Rubber Goods

Wax - Fibreglass

- Available in bulk or as a convenient, wax-saturated, lint-free wipe
- Dual action tandem pack includes dry buffing towel
- Suitable for hot sticks, booms and other fibreglass live-line equipment
- Does not remove or adversely affect gel coat
- Leaves non-conductive water repellent coating
- Superior quality, fast-hazing fibreglass wax



W-1



W-16

Part No.	Description
W-1	Fiberglass wax & buff kit containing lint free wipe and soft towel
W-16	470ml bottle, Fast-hazing wax, long lasting finish for fibreglass booms



10-188

Wipe - Hot Stick Cleaner & Water Repellent

Wipes - Hot Stick - 50pk Dispenser

Part No. 10-188

- Convenient, pre-saturated, lint-free wipe
- Dual action - cleans and applies water repellent
- Removes contaminants such as dirt, oils and creosote
- 50 wipes in heavy duty cardboard dispenser that can be installed on a wall
- Does not remove or adversely affect gloss coat
- No "build-up" over time
- Leaves a silicone moisture barrier which enables water to bead - eliminating blanket effect when using hot sticks in wet conditions

Fibreglass Cleaning and Refinishing Kit

See page D35 of the Fibreglass Equipment section for Hasting 10-171 & 10-100



Wipe - Hot Stick Cleaner & Water Repellent

- Convenient, pre-saturated, lint-free wipe
- Dual action - cleans and applies water repellent
- Does not remove or adversely affect gloss coat
- Evaporates quickly
- No "build-up" over time
- Removes grease, dirt, and grime
- Prevents continuous water film on stick in wet weather
- Designed for one time use and easy disposal
- Meets IEEE maintenance recommendations (Std #978)

Part No.	Description	Pack
S-1	Pre-saturated lint-free 600mm wipe in sealed foil	1 Wipe

Wipes - Gel Removal

SqueakyKleen cleans and fans fibre in two wipes, saving time and money. No follow up with alcohol is required to clean and separate fibres before splicing. It reduces chemical odors and keeps vapor concentrations to a minimum in splice trailers and vaults to ensure a safe environment.

- Effective Cleaner: cleans cable filling gel and flooding compounds.
- Cleans IBP Flooding Compound: Good for cleaning coax cable.
- Fast Gel Cleaner: only two wipes and the fiber squeaks and fans.
- No Residue: Nothing left to require a secondary alcohol wipe.
- Industry Tested: Approved by users and manufacturers.

Part No.	Description	Pack
TC-1	144 Wipes	1 Wipe

Wash - Solar Panel

An Effective, Safe, and Economical Cleaner for Photovoltaic (PV) Panel Installations

- Industry Approved cleaner
Polywater SPW is approved by major PV panel manufacturers.
- Increased PV performance output
It is scientifically proven that clean PV panels produce more power - cleaner panels = bigger savings
- Environmentally friendly
Does not contain solvents - no VOC's - non-flammable
Phosphate-free - Chlorine-free
- More efficient cleaning
Polywater SPW effectively reduces the need for excessive rinsing
- Safer to use
Polywater SPW is pH neutral - non-caustic and non-alkaline
Will not affect aluminum rails or racking like common detergents
- Economic to use
Does not require deionized or purified water rinse. Saves time and materials

Part No.	Description	Pack (Lt)
SPW-128	Polywater Solar Panel Wash	3.8





NOTES

A series of horizontal dotted lines for taking notes.