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## Honeywell SALISBURY











## **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	<i>7</i> -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

<sup>\*</sup>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/cm<sup>2</sup>
- 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	<i>7</i> -12	Orange/Natural	360	Red

<sup>\*</sup>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

<sup>\*</sup>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



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## 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

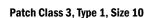


SAFETY & PPE

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 Blactriffex Administration 100 September 200 Sep





Patch Class 4, Type 1, Size 10



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Patch Class 2, 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**

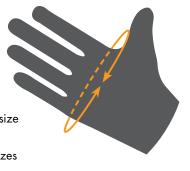
#### Part No. G99

- 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



## SAFETY & PPE CONTENTS













## **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

<sup>\*</sup>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 Drip No Melt Textured Coating



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

<sup>\*</sup>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



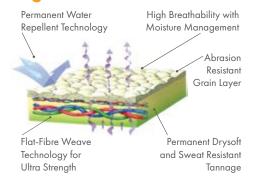
Part No.	Material	Length (mm)	Sizes Available
YT16-4100-10-*	Goat	255 (10")	*7, 8-8.5, 9-9.5, 10-10.5, 11 & 12

<sup>\*</sup>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	* <i>7</i> , 8, 9, 9.5, 10, 10.5, 11

<sup>\*</sup>Add size suffix when ordering (e.g. KLP-LV-9)



Honeywell











## SAFETY & PPE

## 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")

<sup>\*</sup>Add size suffix when ordering (e.g. ILP3S-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 Electriflex<sup>™</sup> 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 Electriflex<sup>™</sup> gloves.

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

<sup>\*</sup>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<sup>™</sup> 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

<sup>\*</sup>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<sup>TM</sup> 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

<sup>\*</sup>Add size suffix when ordering (e.g. YT16-5200-12-9-9.5)

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## Honeywell SALISBURY





## **Sleeves - Salisbury**

- Prevents arm contact with energised lines insulates from cuff to shoulder
- Used in conjunction with rubber insulating
- 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

Down No.	ASTM Class Label Colour		Max Worki	ng Voltage (kV)	Proof Test Voltage	
Part No.	ASIM Class	Label Colour	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

Quickeeze 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/cm<sup>2</sup> - 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





tengroup.com.au

#### **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
<b>S</b> 1	2 x Sleeve Straps	4	10



CONTENTS



## **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







Connector Life 11036



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	31 X 13/0	2.9
OR150-3	Class 3 Straight Hose - 76mm		2.3
OR150-3C	Class 3 Connector End Hose - 76mm	40 X 913	2.7
OR150-45	Class 3 Straight Hose - 114mm		3.2
OR150-45C	Class 3 Connector Hose - 114mm	40 x 1370	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	30 X 913	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	36 X 13/U	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





## **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

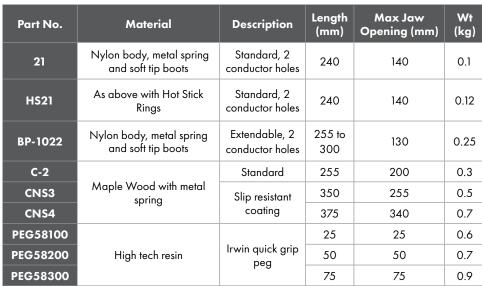
#### CONTENTS



Non conductive pegs for clamping blankets and covers







#### **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	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

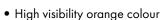






## Honeywell





- Manufactured in accordance to ASTM D1048

• ]	Гуре II	SALCOR™	rubber	blan	kets are	ozone	resistant
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Blankets, HV Insulating - Salisbury

Part No.	Dimensions (mm)	Style	Working Voltage (kV)	ASTM Class	Eyelets	Wt (kg)
13	560 x 560	Solid	36	4	28	1.4
900E		Solid	36	4	6	3.6
1300	300	Slotted	36	4	5	3.2
1302	900 x 900	Slotted w/63mm hole	36	4	28	3.2
1304		Slotted w/114mm hole	36	4	28	3.2







#### Part No. SP-LD-YLW

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

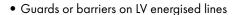


- UV Stable
- Recyclable & reusable
- Simple Strap is supplied in 30m lengths and easily cut to the size required





#### Part No. DB Series





• High visibility

Sulfable for Low Voltage • 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
DB35ARB125HV	Red/Black	1.25	14.6 kV	Class 2	35	0.8

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

## **GREENJACKET®**





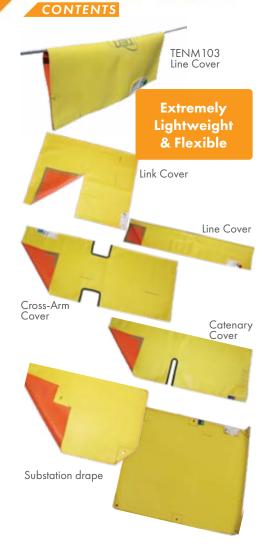




## Honeywell







# 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)		
TENM 101	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)		
TENM 107	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

Part No.	Dimensions (mm)	Wt (kg)
TENM433	760 (L ) × 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 heavyduty 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

Perfect for storing

blankets

#### **Kit Details**

V's Don't No	OTV	Strap Details		Daniele
Kit Part No. QTY		Length (m)	Webbing (mm)	Pouch
TENM714	6	1.5	50	Red, Ripstop
TENWI/14	6	1.2	25	Canvas









## 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

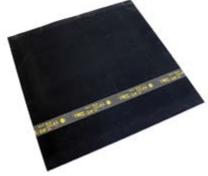
#### **CLASS 2**

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.





Part No.	Working Voltage kV (AC/DC)	Material Standard		Dimensions (m)	Thickness (mm)	Weight (kg)
MATO-0.6M-ASNZ	1/1.5		0	0.6 x 0.6	2.2	2.0
MATO-1MX1M-ASNZ	1/1.5		0	1 x 1	2.2	3.3
MATO-1MX10M-ASNZ	1/1.5	AS/NZS	0	1 x 10	2.2	33
MAT2-1MX1M-ASNZ	17/25.5	IEC61111	2	1 x 1	2.6	3.9
MAT2-1MX10M-ASNZ	17/25.5	:2020	2	1 x 10	2.6	39
MAT4-1MX1M-ASNZ	36/54		4	1 x 1	5.2	<i>7</i> .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-D 178 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.

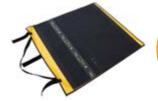
Part No.	Working Voltage kV (AC/DC)	Material Standard	ASTM Class	Dimensions (m)	Thickness (mm)	Weight (kg)
MAT4-60X60-D178	36/54	ASTM -D178	4	0.6 x 0.6	12.7	12.0



12.7mm thick

#### **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 ) × 1030 (W)	0.8

CONTENTS

## 40 Cal, CAT 4 Arc Flash Clothing - NSA

## **NSA 40 Cal Arc Flash ArcGuard® Performance** THE COMFORT REVOLUTION

**UP TO LIGHTER** 

LIGHTEST WEIGHT 40 CAL ARC FLASH PROTECTION at 9.5oz

**THINNER** 

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

**MORE FLEXIBLE** 

**ERGONOMICALLY DESIGNED FOR COMFORT & FREEDOM OF MOVEMENT** 



ENESPRO ARCGUARD 40 CAL ARC FLASH LIFT FRONT HOOD



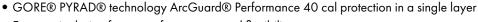












- Ergonomic design for ease of movement and flexibility
- PureView<sup>TM</sup> face-shield technology features a greater range of visibility
- Vented clear chin expands downwards increasing face shield view
- Lift front shield makes it easy to obtain fresh air while out of the hazard zone
- Indirect air vents for improved ventilation

Part No.	Garment	ARC Rating	Material
ARC40H	Lift front Hood	40 CAL / CAT 4	9.5oz
ARC40H1	Hood w/fans	40 CAL / CAT 4	GORE® PYRAD®
BCFSHIELD	Bag for Hood	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	
ARC40KITFANNG-SIZE	With Fans	40	GORE® PYRAD®	
ARC40KITNGO-SIZE	Standard	40	Orange	
ARC40KITFANO-SIZE	With Fans	40	GORE® PYRAD®	

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

- 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/cm <sup>2</sup>	Material
ARC40KIT-TCNG-SIZE*	Standard	40	Blue GORE® PYRAD®

<sup>\*</sup>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 - 227.0 (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/cm <sup>2</sup>	Material
KIT2CV11NGB"SIZE"	Hover style Face sheild	12	9oz Westex

\*SIZE - SM - Small, MD - Medium, LG - Large, XL - Extra Large, 2X - 2 Extra Large (All sizes available on request)







EN 123H-SHIELD









## **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	
EN 123NTNB01 AL	Face Shield CAT 2 - 12cal OptiShield™ Grey	
EN 123H-SHIELD	Replacement shield for above	
BCFSHIELD	Bag for Hood & Facesheild, 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 Sheild
H12HTHAT	12 cal/cm² Hover series Face Shield	H12HT
Н20НТНАТ	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/cm <sup>2</sup> Protection CAT 2	6.5 oz. Westex® UltraSoft® Rib
H25RV	25 cal/cm <sup>2</sup> 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
- Two side stretch mesh pockets
- Large top zipper opening
- Approx. 405 x 305 x 508mm

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

#### CONTENTS





## **Arc Flash Clothing 40 Cal - Honeywell**

Breakthrough comfort in Salisbury's lightest & most breathable 40cal/cm<sup>2</sup> premium garments

#### A DIFFERENCE YOU REALLY CAN FEEL

#### 40cal/cm<sup>2</sup> Premium range

- Incorporates new GlenRaven GlenGuard outer-shell
- Welspun Spunlace 18, Utexbel K90 Utexbel inner layer
- 11 oz/yd<sup>2</sup>
- 500% and 300% improved breath-ability compared to existing Standard and PLT versions

#### 75-100cal/cm<sup>2</sup> 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

#### No need for **Balaclavas**



## 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





## 40 Cal, CAT 4 Prismshield Plus - Pro-Hood

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

Part No.	Rating cal/cm²	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/cm²	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



## Honeywell SALISBURY

LFH40FSA-PP



SHRD-40PRG-PP





## SAFETY & PPE

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

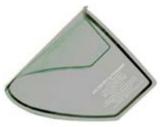
Full range of Lift Hood accessories available. Contact TEN for further information

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  Replacement Clips (2) for N10 Hard Hat attachments - For all face shields	
AS 12 CLIP		

See page E22 for Task Light Kit and other Accessories







4000-PP



AS 12 CLIP

## 40 Cal, CAT 4 Bib Overalls - Premium Lightweight

- SALISBURY Pro-Wear™ Plus Bib-overall
- 40cal/cm<sup>2</sup> 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/cm²	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 <sup>2</sup>	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

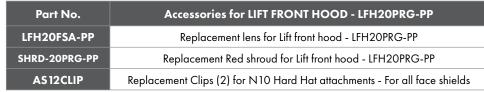
## Honeywell



LFH20FSA-PP

## 20 Cal, CAT 2 - Lift Front & Pro-Hood Accessories Full range of Lift Hood accessories available. Contact TEN for further information.

See page E22 for Task Light Kit and other Accessories



**Arc Flash Lift Front Accessories 20 Cal - Honeywell** 



N10R030000



AS 12 CLIP

#### SHRD-20PRG-PP

## **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)



- Bib Overalls or Coveralls (see below)
- Face Shield
- Balaclava

- Safety Glasses
- Sizes S 3XL
- Large Storage Bag



Part No.	Contents	Rating cal/cm²	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/cm<sup>2</sup> 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 <sup>2</sup>	Standards
ACB12RG-*	S, M, L, XL, 2X, 3X	12* ATPV ratings	ASTM F1506 and NFPA 70E



## Honeywell SALISBURY





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

- 12 cal/cm<sup>2</sup> 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/cm²	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/cm<sup>2</sup> 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/cm²	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 <sup>2</sup>	Standards
ACCA 12RG-*	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/cm²	Colour & Material
AFG 11	12	Navy Blue Indura Ultra Soft
AFG20	20	Navy Blue Indura Ultra Soft
AFG40	40	Grey Indura Ultra Soft

# TEN IN CHOCK

## Honeywell SALISBURY



# 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 <sup>2</sup> - NFPA 70E PPE CAT: 3	
AS2000HAT-PP	ATPV rating of 20 cal/cm² - NFPA 70E PPE CAT: 3	

For replacement parts see page E20



#### 12 & 20 Cal Protective Balaclavas

Salisbury's Arc Flash Rated Hoods (Balaclava) create  $360^\circ$  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 <sup>2</sup> Protection	
AFHOOD20	20 cal/cm <sup>2</sup> Protection	





# Arc Flash Accessories 12-20 Cal - Honeywell Face Shield Accessories

Part No.	Description	
AS1200-PP	Replacement Faceshield fits AS 1200HAT-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 AS 1200HAT & AS 2000HAT page E19 & FH40 & LFH40 page E16

#### **Kit includes**

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



### Honeywell SALISBURY













## SAFETY & PPE

# 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<sup>TM</sup> 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

<sup>\*</sup>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

## **ELECTR** (STATICS





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/cm<sup>2</sup>

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







## **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	
KW-GARD/SET-L	Large	1070 to 1170	Hood. Elbow Length Gloves and Knee High	2.3
KW-GARD/SET-XL	X-Large	1170 to 1270	Socks.	2.3
KW-GARD/SET-XXL	XX-Large	1270 to 1370	In Carry Bag.	

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## **ELECTR** (9) STATICS







## \* ROYER





## SAFETY & PPE

## **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/cm<sup>2</sup>

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	One Size fits all	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 loe (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

#### CONTENTS







#### 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

<sup>\*</sup>Add size suffix when ordering - Contact TEN for Size chart

## A must for working in remote locations



## **Gaiters - Quagmire Canvas**

- 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



Stops your hardhat slipping



### 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.

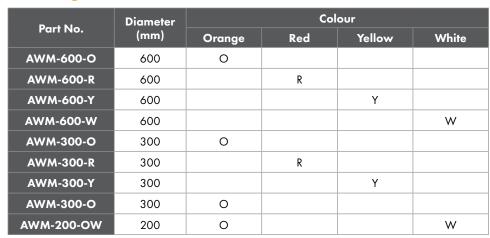
Part No.	Description	
LPF-1	Uncorded ear plug (200PR Individual PR. Poly Bag)	
LPF-LS4	Uncorded ear plug (200PR Refill)	



CONTENTS

## **Warning & Phase Markers - Overhead Lines**

## **Warning Marker Balls**





### **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



## **DNOB Hook, Applicator, and Tag Clamp**

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

Part No.	Description		
DNOBHOOK	OBHOOK Hook tag, danger, DO NOT OPERATE		
A10-094DNOB Fuse cup, non-conductive, yellow, DNOB applicator			
7638 Tagging Card Clamp - Temporary line clamp with spring loaded jaw with tagout cards, apply by shotgun			





### **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

## Kits available to meet individual State and Territory requirements

#### **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	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.	Part No. Description				
NG216YB-11	17kV Class "2" Yellow/Black Size 11				
24401	Salisbury 6ft (1.8m) Insulated Rescue Hook				
ноок-ну	Rescue Hook – Insulated Plastic				
RK-TORCH	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 50kV
- Designed for rescue on Voltages up to 36kV

Part No.	Hook Opening (cm)	Dimensions (cm)	Weight (kg)
ноок-ну	51	172 x 51 x 3.2	1.6

HOOK-HV



## 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



by Honeywell











## 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	
M1020228	Medium/Large	2.7
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<sup>TM</sup> 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,	Medium	0.0
TOWER-WORKER-L	side & CS Loops	Large	2.9

#### **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<sup>TM</sup> 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,	Medium	2.4
M1020099	side & CS Loops	Large	3.4

#### 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	
M1020114	Medium/Large	2.9
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<sup>TM</sup> 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)
A23M16.0CWCDD	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.	136.15	138.15	139.15	1312.15
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 AS 1891.1
- 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.	Туре	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.	Туре	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

## SAFETY & PPE CONTENTS











## **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
- 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.	Wt (kg)	
AM-18-09	1.8 (L) × 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

## **Containment and Pole Setting Bags - ABG**

#### FLEXTRAY® - ABG

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



- 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

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### **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



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	1.07x 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



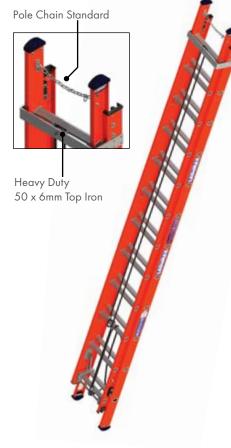
CLICK or SCAN to watch the Polesetter bag in action.

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

# SAFETY & PPE CONTENTS

## LADaMAX

### 150KG RATED AS 1892 LENGTHS 2.7/3.9m - 5.1/8.5m



150KG RATED AS 1892 LENGTHS 0.61 - 1.74m



## <u>Ladders - Fibreglass</u>

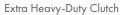
#### **EXTENSION - LADaMAX**

#### Part No. Various

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







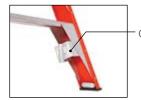


Part No.	Retracted (m)	Extended (m)	WLL (kg)	Width (mm) (Internal)	Width (mm) (External)	Wt (kg)
FXT082	2.7	3.9	150	390	405	17
FXT102	3.3	5.1	150	390	405	20
FXT112	3.9	6.3	150	390	405	25
FXT142	4.5	7.5	150	390	405	28
FXT162	5.1	8.5	150	390	405	31

#### 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



Caster Ready

Fail-Safe PLATFORM



Part No.	Platform Height (m)	WLL (kg)	Width (mm)	Wt (kg)	Cube (m²)
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

SAFETY & PPE

CONTENTS

**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 (m²)
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



### **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

## Non-Slip Ladder Assistance - Ladders Little Helper

#### Part No. LLH

- Strong yet extremely lightweight
- Helps prevent sideways movement
- Will fit almost all gutters
- Fits 99% of ladders

- Ideal for safely accessing a roof
- Protects against scratching gutters
- Unique two stage pole size to fit multiple size poles











## **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.







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 (FGW)

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)**

SqueekyKleen, 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

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

RBG-640

RBG-35LR

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 are 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 the Polywater® Fibreglass Wash (FGW-640). This replaces the previous BWC Boom Wash Concentrate. For spot cleaning of booms and baskets we recommend the Polywater (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<sup>TM</sup>) 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.





RBG-35LR



RPC15



B-D72 FGW-640





tengroup.com.au

#### 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















## 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

SAFETY & PPE

 No residue, non-conductive, noncorrosive, non-freezing, non-staining to metals

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.

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

<sup>\*</sup>Not suitable for Rubber Goods

## Wax - Fibreglass

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

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	







- Convenient, pre-saturated, lint-free wipe
- Dual action cleans and applies water
- Does not remove or adversely affect gloss
- No "build-up" over time

## Wipes - Hot Stick - 50pk Dispenser

#### Part No. 10-188

- Removes contaminates such as dirt, oils and creosote
- 50 wipes in heavy duty cardboard dispenser that can be installed on a wall
- Leaves a silicone moisture barrier which enables water to bead - eliminating blanket effect when using hot sticks in wet

## 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
- Does not remove or adversely affect gloss
- 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

SqueekyKleen 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 - noncaustic 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







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