

電工安全 護具、儀器、工具



HASTINGS **SALISBURY** **YOTSUGI**

※所有高電壓施工工具，必須由受過訓練的專業人員才能使用，
必須妥善保養和定期檢查測試。

電弧傷害安全護具防電弧套件

SALISBURY

符合NFPA70E美國防火協會和歐盟安全標準CE認證！

據統計，在所有的電傷害案例中，超過80%的燒傷或灼傷，都由電弧直接或間接（電弧引起衣物燃燒）而造成。高等級電弧溫度可高達19,427°C (35,000°F)，是太陽表面溫度的四倍。電弧傷害範圍高達3m甚至3m以上，會對人體造成致命傷害，每年都有2000人以上，以嚴重燒傷被送到燒傷中心治療。

定期檢修及工作者訓練，可有效的安全保護減少電弧傷害同時必須評估確定危害水平（強度）的電弧能量的卡路里。然後才能確定適當的個人防護裝備（PPE）需要。選擇適當工作個人防護裝備包括抗火焰性衣物，盔甲或頭盔，面罩，手套，鞋子等等取決於電弧的能量。

• Hazard Risk Category(HRC)危險等級：

代表危險的水平，取決於電弧能量。規定值範圍從0到4類別，0代表一點點或沒有風險的地方，類別4是最危險。Honeywell提供 (HRC 1) 8cal/cm²~ (HRC 4) 100cal/cm²的保護措施。

• SALISBURY 是當今世界最大電弧安全護具供應廠商，有關電弧詳細資料請上其官網查詢。

輕質防弧服套裝 PRO-WEAR 簡介：

PRO-WEAR、40cal / cm² HRC 4 輕質防電弧套裝：

相比於標準的40cal / cm²所使用面料重量的18oz / yd²，Salisbury全新的40cal輕質防弧服裝，面料克重僅為11oz / yd²這種面料是目前市場上最輕質的並且可以滿足保護你不受電弧傷害的基本要求，在不影響安全性的基礎上，令使用者更加涼爽、更加舒適，更好的產品意味著更高的工作效率。

Salisbury PRO-WEAR產品優點：

- 符合NFPA HRC 4級要求。
- 滿足ASTM F1506-2A、ASTM F1959 / F1959M-99 要求。
- 採用人造合成纖維。
- 衣服、頭罩、背帶褲可以單獨訂購或成套訂購。
- 93.20%的熱量衰減指數（意味著服裝不僅阻燃，必且對電弧熱的阻抗達到93.20%）。
- 增加運動的自由性。

對應人體衣褲尺碼參考資料：

尺寸	胸圍	腰圍	身高
S	34-36 (86-91)	28-30 (71-76)	67-70 (170-178)
M	38-40 (96-101)	32-34 (81-86)	67-70 (170-178)
L	40-42 (106-112)	36-38 (91-96)	68-71 (172-180)
XL	44-46 (117-122)	40-42 (102-107)	68-71 (172-180)

完整型號每個文字代表意義：SK40PRGS-LFFL

SK	40	P	RG	S	-	LFFL
件號	選購	防護等級	頂級	顏色	尺寸	頭罩選擇
SK	CA - Coverall CP - Over Pant	8 12 20 40 75 100		RG: Red and Grey	S M L XL 2X 3X 4X 5X 6X	C - Cooling Hood LF - Lift Front Hood LFFL - Lift Front Hood w/Flas WB - Weight Balancin

Part number: SK40PRGS-LFFL 請參考次頁詳細資料



SK40PRG

40卡premium面料特性

**SOFTER
ANTISTATIC
FLAME RETARDANT**
outer shell

**BREATHABLE
ANTISTATIC
LIGHTER IN WEIGHT**
mid layers & liner

**500%
MORE
BREATHABLE****

**43%
LIGHTER
IN WEIGHT****

**28%
SOFTER
TO TOUCH*****

40cal/cm²
ISO 13688:2013
EN ISO 11612:2015

* Tested at independent lab
** Compared to 40 cal/cm² standard offering
*** Compared to 40 cal/cm² PLT

台灣常銷型號：

訂購編號(組)	防護等級
SK 8RG XX-PP	8 cal/cm ²
SK 20RG XX-PP	20 cal/cm ²
SK 40RG XX-PP	40 cal/cm ²
SK 65RG XX-99	65 cal/cm ²

註：XX 為尺寸代號，有 S/M/L/XL 四種常規。

12卡 / 40卡詳細產品圖文和訂購型號，請參閱次頁。

防電弧衣服、頭罩型號和圖片

SALISBURY

40卡 訂購產品圖文型號參考：

40卡整套組合

代號:SK



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

背帶褲

代號:ACB



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
- Balanced cut for greater mobility

- Reinforced articulated knees for increased movement
- 355mm leg allow allows dressing wearing boots
- Extended gussets for easier more natural movement 262mm inseam

Part No.	Size	Rating cal/cm²	Standards
ACB40PRG*	S, M, L, XL, 2X, 3X	40* ATPV ratings	Meets current ASTM F1506 & NFPA 70E standards, CE0120 certified

防弧上衣

代號:ACC



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
- Stormed collar for comfortable neck movement
- Coats are intended to be used with PRO-HOODS

Part No.	Size	Rating cal/cm²	Standards
ACC40PRG*	S, M, L, XL, 2X, 3X	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

No need for Balacavas



可掀面罩頭罩 代號:LFH

40 cal, CAT 4 Prismshield Plus - Lift Front Hood

- PrismShield™ face shield, transparent chin guard and standard hood deliver visibility, comfort, ventilation and breathability
- 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%

- Vented 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/cm²	Standards
LPH40PRG-PP	40 ATPV ratings	Meets current ASTM F2178, ANSI Z87.1 and NFPA 70E standards - E1020 certified

防弧頭罩

代號:FH



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 head shape (Hard hat not included)
- Sewn with Nomex® thread
- Integrated cooling system available

Part No.	Rating cal/cm²	Standards
FH40PRG-PP	40 ATPV ratings	Meets current ASTM F2178, ANSI Z87.1 and NFPA 70E standards - CE0120 certified

12卡-20卡 / 40卡 防弧面罩附屬品：

可掀面罩鏡面



可掀面罩遮蔽覆蓋



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 - LPH40PRG-PP
LPH40PSA-PP	Replacement lens for Lift front hood - LPH40PRG-PP
SHRD-40PRG-PP	Replacement Rod shield for Lift front hood - LPH40PRG-PP
N10R03000	Replacement clip: How Hat for Lift front hood - LPH40PRG-PP
Part No.	Accessories for PRO-HOOD - FH40PRG-PP
4000-PP	Replacement lens for Pro-Hood - FH40PRG-PP
AS12CLIP	Replacement Clips (2) for N10 How Hat attachments - For all lens shields

See page 197 for full Lift Hood and Pro-Hood Accessories



安全帽



防弧鏡面



鏡面夾

Arc Flash Accessories 12-20 Cal - Face Shield Accessories

Part No.	Description
AS1200-PP	Replacement Face shield for AS1200HAT-PP
AS2000-PP	Replacement Face shield for AS2000HAT-PP
AS12CLIP	Replacement Clips (2) for N10 How Hat attachments - For all face shields

12-20卡鏡面及安裝夾具

常用 12卡 / 20卡 訂購產品圖文型號參考：

12卡整套組合



Arc Flash Clothing 12 Cal

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
- Balacava

- 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 2XL=2x Large 3XL=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/cm²	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/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/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/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/cm²	Standards
ACCA12RG-*	S, M, L, XL, 2X, 3X	12* ATPV ratings	ASTM F1506 and NFPA 70E

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

Arc Flash Gloves

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
- Croc size fits most

Other Arc Flash Glove styles and sizes available, see below & page 15 & 16

Part No.	Rating Cal/cm²	Colour & Material
AFG11	12	Navy Blue Indura Ultra Soft
AFG20	20	Navy Blue Indura Ultra Soft
AFG40	40	Grey Indura Ultra Soft

Arc Flash Face Shields & Balacavas

12 & 20 Cal Face Shield & Helmet Protection

- Better visibility and color recognition
- Double curved lens - 150 x 508mm viewing area
- Reduced eye strain
- Increased viewing by over 20%
- Improved transparency - Extra light lens
- 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/cm² - NFPA 70E PPE CAT 3
AS2000HAT-PP	ATPV rating of 20 cal/cm² - NFPA 70E PPE CAT 3

For replacement parts see page 190

12 / 20卡防弧面罩 代號:AS



保護性頭巾罩 代號:AFH