

ARC *Plus*

MADE IN AUSTRALIA

GLO-SAFE

FLAME RETARDANT

WORK WEAR





MARKET PROVEN PERFORMANCE

AN ORIGINAL

INDURA
Ultra Soft®
Flame Resistant Fabrics

WESTEK INC. BRAND

LOOK FOR THE LABEL!

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FLAME RETARDANT WORK WEAR

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Indura® Ultra Soft® Overview

Product Line Overview

Westex's advanced Indura® Ultra Soft® line of flame resistant 88% cotton/12% high tenacity nylon fabrics, introduced in 1996, are guaranteed flame resistant for the life of the garment in either high temperature industrial or home washing procedures. The fabric is engineered to focus the excellent abrasion resistance of the nylon on the outer surface to enhance garment wear life, while the cotton fibres are focused towards the skin to optimise comfort. In addition, Indura® Ultra Soft® fabrics are engineered to have an extremely soft feel to further enhance the superior comfort properties of cotton. Indura® Ultra Soft® fabrics are fully flame resistant and the 12% nylon actually enhances the protective performance in some cases, such as an electric arc and flash fire exposures.

Wear Life

Indura® Ultra Soft® is expected to wear over 75% longer than 100% cotton fabrics in similar weights leading to an excellent value equation. Please note that additional wear life may not be realised in extreme wear situations including but not limited to welding and metals environments.

End Use Applications

Today, Indura® Ultra Soft® brand flame resistant fabrics are specified by thousands of end user companies in many different industries around the world. With millions of garments in service worldwide, Indura® Ultra Soft® has a strong reputation for providing an excellent balance of protection, comfort and value. Guardian Safety use Indura® Ultra Soft® to produce garments for electric arc flash protection in electrical utilities and electrical maintenance, for protection from flash fire in the oil, gas, chemical and petrochemical industries and for the protection from molten ferrous metal splash in steel mills and foundries. Indura® Ultra Soft® is also used in the military, wildland firefighting and tactical clothing applications.

Fabric Styles and Typical Garment Application

Indura® Ultra Soft® fabrics are available in a wide variety of fabric styles, weights and colours. The tables below contain a list of current Indura® Ultra Soft® styles. (Not all weights and colours are available ex stock Australia)

INDURA® Ultra Soft®				
PRODUCT / STYLE	Fabric Description			ATPV (cal/cm²)
INDURA® Ultra Soft® 88% Cotton 12% Nylon				
Style 301	237 g/m²	(7 oz.)	Shirt / Lgt. Wt. Coverall Twill	8.7
Style 451	305 g/m²	(9 oz.)	Pant / Coverall / Jacket Twill	12.4
Style 331	186 g/m²	(5.5 oz.)	Chambray Denim Shirting	6.0
Style 341	186 g/m²	(5.5 oz.)	Shirting Twill	6.1
Style 881	270 g/m²	(8 oz.)	Pant / Coverall / Jacket Basketweave	9.8
Style 961	372 g/m²	(11 oz.)	Outerwear / Jacket / Pant DUCK	12.7
Style 391	406 g/m²	(12 oz.)	Pant / Jacket Denim	19.5
Style 981	440 g/m²	(13 oz.)	Outerwear / Jacket / Pant DUCK	13.4
Style 381	520 g/m²	(14.75 oz.)	Pant / Jacket Heavyweight Denim	17.5
Style 801	440 g/m²	(13 oz.)	Jacket / Pant Sateen	21.0
INDURA® Ultra Soft® Knits 88% Cotton 12% Nylon	Fabric Description			ATPV (cal/cm²)
Style 130	212 g/m²	(6.0 oz.)	T-Shirt / Henley / Polo Interlock Knit	10.9
Style 180	372 g/m²	(11 oz.)	Sweatshirt / Hoodie Fleece	21.8 (EBT)

IMPORTANT NOTE: Garments should be discarded once exposed to an electric arc flash.



Indura® Ultra Soft® – Coveralls

COVERALL – DAY ONLY

Common Features:

- Raglan sleeve style
- Two breast pockets, R/H with security flap
- Side and through pockets
- Elasticated waistband
- Non-roll gusset sleeve, nylon stud closure
- Double hip patch pockets
- Mobile phone pocket on R/H leg
- Made in Australia

Part No.	Fabric	ATVP	Size	Compliant
AC500080	S301	8.7 cal/cm²	77R - 112R, 87ST-132ST	NFPA70E HRC2
AC500081	237gsm			
AC500082	lightweight			

Part No.	Fabric	ATVP	Size	Compliant
AC500100	S451	12.4 cal/cm²	77R - 112R, 87ST-132ST	NFPA70E HRC2
AC500101	305gsm			
AC500102	heavyweight			



COVERALL – DAY/NIGHT

Common Features:

- Raglan sleeve style
- Two breast pockets, R/H with security flap
- Side and through pockets
- Elasticated waistband
- Non-roll gusset sleeve, nylon stud closure
- Double hip patch pockets
- Mobile phone pocket on R/H leg
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Made in Australia

Part No.	Fabric	ATVP	Size	Compliant
AC500070	S301	8.7 cal/cm²	77R - 112R, 87ST-132ST	NFPA70E HRC2
AC500071	237gsm			
AC500072	lightweight			

Part No.	Fabric	ATVP	Size	Compliant
AC500090	S451	12.4 cal/cm²	77R - 112R, 87ST-132ST	NFPA70E HRC2
AC500091	305gsm			
AC500092	heavyweight			



Indura® Ultra Soft® – Shirts

SHIRT – L/S DAY ONLY

Features:

- Full open front style, button closure
- Two breast pockets with flaps
- Non-roll gusset sleeve, button closure
- Extended tail
- Made in Australia



Part No.	Fabric	ATVP	Size	Compliant
AC500010	S301 237gsm	8.7 cal/cm²	SM - 5XL	NFPA70E HRC2
AC500011				
AC500012				

SHIRT – L/S DAY/NIGHT

Features:

- Full open front style, button closure
- Two breast pockets with flaps
- Non-roll gusset sleeve, button closure
- Extended tail
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Made in Australia



Part No.	Fabric	ATVP	Size	Compliant
AC500020	S301 237gsm	8.7 cal/cm²	SM - 5XL	NFPA70E HRC2
AC500021				
AC500022				

Indura® Ultra Soft® – Trousers

TROUSER

Features:

- Concealed button closure on waistband
- Seven belt loops
- Nylon zip closure
- Double hip patch pockets
- Mobile phone pocket on R/H leg
- ID/Key loop on R/H side
- Made in Australia



Part No.	Fabric	ATVP	Size	Compliant
AC500033	S451 305gsm	12.4 cal/cm²	77R - 112R	NFPA70E
AC500053	S301 237gsm	8.7 cal/cm²	87ST - 132ST	HRC2

TROUSER – WITH REFLECTIVE TAPE

Features:

- Concealed button closure on waistband
- Seven belt loops
- Nylon zip closure
- Double hip patch pockets
- Mobile phone pocket on R/H leg
- ID/Key loop on R/H side
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Made in Australia



Part No.	Fabric	ATVP	Size	Compliant
AC500043	S451 305gsm	12.4 cal/cm²	77R - 112R	NFPA70E
AC500053	S301 237gsm	8.7 cal/cm²	87ST - 132ST	HRC2



Custom Manufactured Garments

Specialised garments can be manufactured to your customers requirements at Guardian Safety's own manufacturing facility in Australia.

We also offer design and specialised production under our accreditation to ISO9001:2000 to provide you, our customer with solutions that may not be available from other suppliers.

PROUDLY MADE IN AUSTRALIA

Options for custom made garments can include:

- Tropical (light) weight Indura® Ultra Soft® fabric
- Closed front shirts
- Gusseted sleeves
- Nylon press studs
- Flame retardant Velcro
- Fire trim tape, flame retardant anti static silver retro reflective tapes
- Different tape patterns
- Trouser cargo pockets
- Indura® Ultra Soft® fleeces
- Variety of colour options available in Indura® Ultra Soft® fabric
- Embroidery and screen printing facilities available
- Minimum order quantities may apply to custom made garments



Arc Flash Defined

Definition

When an electric current passes through air between ungrounded conductors and grounded conductors, the temperatures can reach 35,000°F. Exposure to these extreme temperatures both burns the skin directly and causes ignition of clothing, which adds to the burn injury. The majority of hospital admissions due to electrical accidents are from the arc-flash burns, not from shock. Each year more than 2,000 people are admitted to burn centres with severe arc-flash burns. Arc-Flash can and will kill at distances of 3 metres.

INDURA® Ultra Soft® Simplified Compliance

Many companies have decided to simplify compliance to NFPA 70E by implementing everyday uniform programs using INDURA® Ultra Soft® garments that meet the requirements of NFPA 70E Hazard Risk Categories (HRC) 0, 1 and 2 as a single-layer (chart listed below). This can alleviate employer concerns about leaving the difficult decision of determining whether a specific routine electrical task is HRC 0, 1 or 2 in the hands of the employee. It can also eliminate the need for employers to police a program that requires workers to wear natural fibre, long-undergarments to meet the requirements of HRC 2. Please refer to NFPA 70E Annex H Simplified; Two Category, Flame Resistant (FR) Clothing Approach. To supplement everyday uniforms, arc flash suits and hoods in double-layer INDURA® Ultra Soft® combinations are available for higher energy HRC 3 & 4 level tasks.



STANDARD FOR NFPA 70E SAFETY REQUIREMENTS FOR EMPLOYEE WORKPLACES; 2004 EDITION (Table 130.7 (C) (iii) Protective Clothing Characteristics [abbreviated])			
HAZARD RISK CATEGORY	CLOTHING DESCRIPTION (Typical Number of Clothing Layers in Parenthesis)	REQ. MIN. ARC RATING (ATPV or Ebt) (cal/cm²)	NFPA 70E; ANNEX H SIMPLIFIED 2-CATEGORY FR CLOTHING SYSTEM
			"Everyday Work Clothing" ATPV ≥ 8
0	Non-melting, flammable materials	N/A	INDURA® Ultra Soft® Single-Layer Style 301 Shirt/Lgt. Wt. Coverall Style 451 Pant / Coverall Style 130 T-Shirt / Henley / Polo Knit Meet HRC's 0, 1 & 2
1	FR Shirt and FR Pants or FR Coverall (1)	4	
2	Cotton Underwear Plus FR Shirt and FR Pants (1 or 2)	8	
			Electrical "Switching Clothing"
3	Cotton Underwear Plus FR Shirt and FR Pants Plus FR Coverall, or Cotton Underwear Plus two FR C Overall's (2 or 3)	25	INDURA® Ultra Soft® Style 801, 440g/m² (13 oz.) Over Style 341, 186g/m² (5.5 oz.) Meet HRC's 3 & 4
4	Cotton Underwear Plus FR Shirt and FR Pants Plus Multi-layer Flash Suit (3 or more)	40	

Indura® Ultra Soft® – Switching Coats

SWITCHING COAT – DAY ONLY

Common Features:

- FR Velcro closure
- Mandarin style collar
- Velcro tab closure/adjustment on sleeve
- Sewn with Kevlar® thread
- Length: 1300mm
- Made in Australia

Single Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500301	S801 440gsm	21.1 cal/cm ²	SM - 5XL	NFPA70E HRC2
AC500302				

Dual Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500501	S801 440gsm over S301 237gsm	51.5 cal/cm ²	SM - 5XL	NFPA70E HRC4
AC500502				



SWITCHING COAT – DAY/NIGHT

Common Features:

- FR Velcro closure
- Mandarin style collar
- Velcro tab closure/adjustment on sleeve
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Sewn with Kevlar® thread
- Length: 1300mm
- Made in Australia

Single Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500201	S801 440gsm	21.1 cal/cm ²	SM - 5XL	NFPA70E HRC2
AC500202				

Dual Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500401	S801 440gsm over S301 237gsm	51.5 cal/cm ²	SM - 5XL	NFPA70E HRC4
AC500402				





Indura® Ultra Soft® – Switching Hoods

ARC FLASH HOOD

Common Features:

- All ARCplus arc flash hoods are sewn with Kevlar® thread
- Replaceable wide arc rated anti-fog tinted lens, 10" x 20" viewing area
- Dielectric hard hat included
- Made in Australia

Category 2 – Single Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500612	S801 440gsm	20 cal/cm²	One size fits all	ASTM F2178 NFPA 70E ASTM F1506

Category 4 – Dual Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500602	S801 440gsm over S301 237gsm	40 cal/cm²	One size fits all	ASTM F2178 NFPA 70E ASTM F1506



Indura® Ultra Soft® – Leggings

ARC FLASH LEGGINGS

Common Features:

- Knee length Indura Ultra Soft leggings
- Touch tape fastening for quick release
- Supported to eliminate sagging
- Minimal exposed seams on work areas
- Full boot coverage
- Length: 40cm
- All ARCplus arc flash leggings are sewn with Kevlar® thread
- Made in Australia

Category 2 – Single Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500123	S801 440gsm	20 cal/cm²	One size fits all	ASTM F2178 NFPA 70E ASTM F1506
AC500122				

Category 4 – Dual Layer

Part No.	Fabric	ATVP	Size	Compliant
AC500113	S801 440gsm over S301 237gsm	40 cal/cm²	One size fits all	ASTM F2178 NFPA 70E ASTM F1506
AC500112				



Heat Protective Apparel

WHAT IS A FURNACE COAT USED FOR?

A furnace coat is used to protect the wearer from the various hazards that occur in their work place, such as high temperatures, convective and radiant heat and molten metal splash. They can be made from various fabrics, as listed below, which will help protect the wearer in different work place environments.

FABRICS USED

Parrawool

100% Parramatta wool fabric is ideal for those jobs that require protection from high levels of both radiant and convective heat for extended periods of time. 100% Parramatta wool fabric is well suited for garments such as furnace coats where exposure to high temperatures and molten metal splash exists. Parrawool has been enhanced by the addition of a PFZ treatment to increase the flame retardancy of the fabric.

PR97™

PR97™ offers excellent performance in industries where protection against molten aluminium, cryolite and iron are needed and it also gives superior protection against both radiant and convective heat.

PR97™ offers a high level of wearer comfort and its protective values are not diminished through repeated cleaning, it can be both wet laundered and dry cleaned.

Advantech HP5003 (Wool/Aramid)

Wool/Aramid fabric is a blend of 86% Wool /14% Meta-Aramid that gives the natural protection of wool combined with the strength and integrity of aramid fibres. Wool/Aramid is a medium weight fabric for protection against metal splash (in particular molten iron at a rating of E3, 200gm+) and radiated/convective heat sources. Ideally suited to furnace wear.

Aluminised Preox

The highly aluminised surface reflects over 90% of radiant heat away from both the base fabric and the high temperature adhesive. Aluminised Preox garments offer excellent protection against radiant heat and molten metal splash. Pre-oxidised acrylic (or pre-burnt acrylic) is combined with aramid fibre for strength and spun around a glass core giving maximum heat protection.

Proban®

Proban® flame retardant treated cotton offers clothing that is a lighter and cooler alternative for light to moderate welding and other areas that call for flame retardant protection.

Proban® fabric will char and self extinguish when it comes into contact with a flame or spark. There is no smouldering or afterglow therefore providing protection for the wearer. Unlike some synthetic fibre constructions Proban® does not suffer from thermal shrinkage, melt or form a hole through which a flame could penetrate. There are no sticky residues that could adhere to the skin of the wearer compounding the severity of any potential burn injury.

This fabric meets the requirements of the following specifications;

EN531:1995 PARA 6.2.2 after 50 washes @ 75 °C
EN470:1995 PART 1 after 50 washes @ 75 °C
EN533:1997 Index 3 after 50 washes @ 75 °C

GLO-SAFE Parrawool Apparel

PARRAWOOL FURNACE SMOCK

Features:

- Smock style design for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against radiant and convective heat and molten metal splash
- Wrap around collar corduroy lined
- Internal patch pocket left hand side
- Length 95cm



Part No.	Fabric	Weight	Size
AD600014	Light weight Parrawool	540gsm	S – 3XL
AD600012			
AD600023	Heavy weight Parrawool	780gsm	
AD600022			

PARRAWOOL FURNACE SMOCK DAY/NIGHT

Features:

- Smock style for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Offers excellent protection against radiant and convective heat and molten metal splash
- Wrap around collar corduroy lined
- Internal patch pocket left hand side
- Length 95cm



Part No.	Fabric	Weight	Size
AD600032	Light weight Parrawool	540gsm	S - 3XL
AD600042	Heavy weight Parrawool	780gsm	

PARRAWOOL OVERPANT

Features:

- Elastic waist
- Offers excellent protection against radiant and convective heat and molten metal splash



Part No.	Fabric	Weight	Size
AD600054	Light weight Parrawool	540gsm	S – 3XL
AD600052			
AD600063	Heavy weight Parrawool	780gsm	
AD600062			

PARRAWOOL LEGGINGS

Features:

- Offers lower leg protection
- Webbing straps secure over belt
- Offers excellent protection against radiant and convective heat and molten metal splash



Part No.	Fabric	Weight	Size
AD600074	Light weight Parrawool	540gsm	S – 3XL
AD600072			
AD600083	Heavy weight Parrawool	780gsm	
AD600082			

GLO-SAFE PR97™ Apparel

PR97™ FURNACE SMOCK

Features:

- Smock style design for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against convective heat and molten metal splash (aluminium, cryolite and iron)
- Wrap around collar corduroy lined
- Length 95cm
- Internal patch pocket left hand side



Part No.	Fabric	Weight	Size
AD600093	PR97™	500gsm	S – 3XL
AD600092			

PR97™ FURNACE SMOCK DAY/NIGHT

Features:

- Smock style for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Offers excellent protection against convective heat and molten metal splash (aluminium, cryolite and iron)
- Wrap around collar corduroy lined
- Length 95cm
- Internal patch pocket left hand side



Part No.	Fabric	Weight	Size
AD600102	PR97™	500gsm	S – 3XL

PR97™ OVERPANT

Features:

- Elastic waist
- Offers excellent protection against radiant and convective heat and molten metal splash



Part No.	Fabric	Weight	Size
AD600113	PR97™	500gsm	S – 3XL
AD600112			

PR97™ LEGGINGS

Features:

- Offers lower leg protection
- Webbing straps secure over belt
- Offers excellent protection against radiant and convective heat and molten metal splash



Part No.	Fabric	Weight	Size
AD600123	PR97™	500gsm	S – 3XL
AD600122			

GLO-SAFE Advantech HP5003 (Wool/Aramid) Apparel

ADVANTECH HP5003 FURNACE SMOCK

Features:

- Smock style design for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against radiant and convective heat and molten metal splash
- Wrap around collar corduroy lined
- Length 95cm
- Internal patch pocket left hand side



Part No.	Fabric	Weight	Size
AD600135	Advantech HP 5003 (Wool/Aramid)	550gsm	S - 3XL
AD600132			

ADVANTECH HP5003 FURNACE SMOCK DAY/NIGHT

Features:

- Smock style for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Offers excellent protection against radiant and convective heat and molten metal splash
- Wrap around collar corduroy lined
- Length 95cm
- Internal patch pocket left hand side



Part No.	Fabric	Weight	Size
AD600142	Advantech HP 5003 (Wool/Aramid)	550gsm	S - 3XL

ADVANTECH HP5003 OVERPANT

Features:

- Elastic waist
- Offers excellent protection against radiant and convective heat and molten metal splash



Part No.	Fabric	Weight	Size
AD600155	Advantech HP 5003 (Wool/Aramid)	550gsm	S - 3XL
AD600152			

ADVANTECH HP5003 LEGGINGS

Features:

- Offers lower leg protection
- Webbing straps secure over belt
- Offers excellent protection against radiant and convective heat and molten metal splash



Part No.	Fabric	Weight	Size
AD600165	Advantech HP 5003 (Wool/Aramid)	550gsm	S - 3XL
AD600162			

GLO-SAFE Aluminised Preox Furnaceman's Apparel

ALUMINISED PREOX FURNACE SMOCK

Features:

- Smock style design for increased protection
- Manufactured from Aluminised Preox Aramid
- Insulated with wool lining
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against radiant heat and molten metal splash
- Wrap around collar corduroy lined
- Length 95cm
- Internal patch pocket left hand side



Part No.	Fabric	Weight	Size
AD600177	Aluminised Preox	550gsm	S - 3XL

ALUMINISED PREOX FURNACE COAT

Features:

- Manufactured from Aluminised Preox Aramid
- Insulated with wool lining
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against radiant heat and molten metal splash
- Wrap around collar corduroy lined
- Length 95cm
- Internal patch pocket left hand side



Part No.	Fabric	Weight	Size
AD600187	Aluminised Preox	550gsm	S - 3XL

ALUMINISED PREOX OVERPANT

Features:

- Available with or without braces
- Insulated with wool lining
- Sewn in Aramid thread
- Offers excellent protection against radiant heat and molten metal splash
- Elastic waist for added comfort



Part No.	Fabric	Weight	Size
AD600197	Aluminised Preox	550gsm	S - 3XL

AD600197B Optional Braces

ALUMINISED PREOX APRON WITH SLEEVES

Features:

- Insulated with wool lining
- Adjustable waist belt
- Flame retardant touch tape on back
- Offers excellent protection against radiant heat and molten metal splash
- Length 110cm



Part No.	Fabric	Weight	Size
AD600207	Aluminised Preox	550gsm	S - 3XL

GLO-SAFE Aluminised Preox Apparel

ALUMINISED PREOX HOOD WITH CLEAR VISOR

Features:

- Complete with built in hard hat
- Dual polypropylene clear visors
- Replacement outer visor available
- Sewn in Aramid thread
- Offers excellent protection against radiant heat and molten metal splash
- Insulated with wool lining
- Available with gold heat resistant visor



Part No.	Visor Colour	Fabric	Size
AD600217	Clear	Aluminised Preox	One size fits all
AD600227	Gold		

ALUMINISED PREOX LEGGINGS

Features:

- Legging length: 40cm
- Complete with leather strap & buckle
- Flame retardant touch tape side fastening
- Sewn in Aramid thread



Part No.	Fabric	Size
AD600237	Aluminised Preox	One size fits all



GLO-SAFE Premium Welding Apparel

PREMIUM LEATHER WELDING JACKET

Features:

- Premium grade leather
- Wrap around collar corduroy lined
- Side Flame retardant Velcro closing
- Standard length: 80cm
- Sewn in Aramid thread
- Protection against welding spatter, dross & radiant heat



Part No.	Fabric	Size
AD600246	Premium Leather	S - 3XL

PREMIUM PROBAN® JACKET

Features:

- Wrap around collar corduroy lined
- Side Flame retardant Velcro closing
- Length: 80cm
- Sewn in Aramid thread
- For use with light to moderate welding only



Part No.	Fabric	Size
AD600256	Proban®	S - 3XL
AD600252		

PREMIUM PROBAN® JACKET WITH LEATHER SLEEVES

Features:

- Premium grade leather sleeves for extra durability
- Wrap around collar corduroy lined
- Side Flame retardant Velcro closing
- Length: 80cm
- Sewn in Aramid thread
- For use with light to moderate welding only



Part No.	Fabric	Size
AP600066	Proban® / Premium Leather	S - 3XL
AD600068		

PREMIUM PROBAN® JACKET - DAY/NIGHT

Features:

- Wrap around collar corduroy lined
- Side Flame retardant Velcro closing
- 3M 8935 50mm silver flame retardant / industrial wash reflective tape
- Length: 80cm
- Sewn in Aramid thread
- For use with light to moderate welding only



Part No.	Fabric	Size
AD600272	Proban®	S - 3XL

GLO-SAFE Premium Welding Apparel

PREMIUM PROBAN® HOOD

Features:

- Full head and shoulder protection
- Drawstring face closure
- Side Gusset to improve comfort
- Fully bound edges to reduce fraying
- Sewn in Aramid thread
- For use with light to moderate welding only



Part No.	Size
AD600286	One size fits all
AD600282	

PREMIUM PROBAN® OVERPANT

Features:

- Elastic waist
- Sewn in Aramid thread
- For use with light to moderate welding only



Part No.	Size
AD600296	S – 3XL
AD600292	

PREMIUM LEATHER LEGGINGS AND SPATS

Features:

- Premium grade leather
- Sewn in Aramid thread
- Supported to eliminate sagging
- 25mm strap and buckle under boot
- Velcro fastening for quick release



Part	Part No.	Length	Size
Spat	AD600316	23cm	One size fits all
Legging	AD600306	40cm	

PREMIUM LEATHER GAUNTLET

Features:

- Premium grade leather
- Reinforced palm and thumb for added durability
- Sewn in Aramid thread
- Length 40cm



Part No.	Size
AD600330	One size fits all

Standards and Test Methods FOR FLAME RETARDANT CLOTHING

STANDARD	TEST METHOD
NFPA 70E	US Standard for Electrical Safety in the Workplace
NFPA 2112	US Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire
NFPA 1977	US Standard for Protective Clothing for Wildlands Fire Fighting
ASTM F1959	US Test Method for Determining the Arc Thermal Performance Value (ATVP) of Material for Clothing
ASTM 1930	US Test Method for Evaluation of Flame-Resistant Clothing for Flash Fire Simulations Using Instrumental Manikins
ASTM F955	US Test Method for Evaluating Heat Transfer through Materials for Protective Clothing upon Contact with Molten Substances
ASTM F2178	Standard test method for determining the Arc Rating and Standard Specification for Eye or Face Protective Products
ASTM F1506	Standard performance specification for flame resistant textile materials for use by electrical workers exposed to momentary electric arc and related thermal hazards
EN531 (EN533)/ISO11612	European Standard for Protective Clothing for Industrial Workers exposed to heat & flame
EN470/ISO 11611	European Standard for Protective Clothing for workers exposed to Welding spatter
AS4824	Australian Standard for Protective Clothing for Wildlands Fire Fighting
AS2919	Australian Standard for Industrial Clothing
AS2755 – pts 1, 2 & 3	Australian Test Methods for Assessing the Burning Behaviour of Textile Fabrics

Australian Standards FOR HIGH VISIBILITY SAFETY GARMENTS

STANDARD	TEST METHOD
AS/NZS 4602:1999	Australian Standard for Hi Visibility Industrial Clothing
AS/NZS 1906	Retroreflective materials and devices for road traffic control purposes
AS/NZS 1906.4	High visibility materials for safety garments
AS/NZS 1957	Textiles care labelling

ARC*Plus* Size Chart

COVERALLS – REGULAR												
Waist cm	77R	82R	87R	92R	97R	102R	107R	112R				
Chest cm	87	92	97	102	107	112	117	122				
In leg cm	74	77	79	82	83	84	85	86				
COVERALLS – STOUT												
Waist cm			87S	92S	97S	102S	107S	112S	117S	122S	127S	132S
Chest cm			92	97	102	107	112	117	122	127	132	137
In leg cm			69	72	74	77	79	80	80	82	83	83
TROUSERS – REGULAR												
Waist cm	77R	82R	87R	92R	97R	102R	107R	112R				
In leg cm	74	77	79	82	83	84	85	86				
TROUSERS – STOUT												
Waist cm			87S	92S	97S	102S	107S	112S	117S	122S	127S	132S
In leg cm			69	72	74	77	79	80	80	82	83	83
SHIRTS												
Size			Small	Med	Large	XL	2XL	3XL	4XL	5XL		
Neck			36/37	38/39	40/41	42/43	44/45	46/47	48/49	50/51		



**FLAME RETARDANT
WORK WEAR**

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