



# GUARDIAN SAFETY

## PRODUCT CATALOGUE



PROUDLY SERVING AUSTRALIAN INDUSTRY SINCE 1974



FLAME RETARDANT WORK WEAR



PERSONAL PROTECTIVE PRODUCTS

|  |           |
|--|-----------|
| <b>1. Flame Retardant &amp; Arc Flash Protective Apparel</b> | <b>02</b> |
| Ultra Soft® Overview .....                                   | 02        |
| Ultra Soft® Coveralls .....                                  | 03        |
| Ultra Soft® Shirts and Trousers .....                        | 04        |
| Ultra Soft® Jackets .....                                    | 06        |
| Custom Manufactured Flame Retardant Garments .....           | 07        |
| Arc Flash Definition .....                                   | 09        |
| Ultra Soft® Switching Coats .....                            | 10        |
| Ultra Soft® Switching Hoods and Leggings .....               | 11        |
| Arc Flash Kits .....   | 12        |
| <b>2. Heat Protective Apparel</b>                            | <b>13</b> |
| Introduction to fabrics and their uses .....                 | 13        |
| Parrawool Apparel .....                                      | 16        |
| PR97™ Apparel .....  | 18        |
| Aluminised Aramid Apparel .....                              | 20        |
| Aluminised Preox Apparel .....                               | 22        |
| Shearguard Apparel .....                                     | 25        |
| Aramid Felt Apparel .....                                    | 26        |
| Nomex® Balaclava .....                                       | 26        |
| Proban® Knitted Balaclava .....                              | 26        |
| Firestrike 245 Apparel .....                                 | 26        |
| Heat Protective Gloves and Mitts .....                       | 27        |
| <b>3. Welding Apparel, Screens and Blankets</b>              | <b>30</b> |
| Chrome Leather Welding Apparel .....                         | 31        |
| Proban® Welding Apparel .....                                | 36        |
| Premium Leather Welding Apparel .....                        | 39        |
| Premium Proban® Welding Apparel .....                        | 39        |
| Welding Screens .....  | 41        |
| Welding Blankets .....                                       | 42        |
| <b>4. High Visibility Safety Apparel</b>                     | <b>43</b> |
| Safety Vests .....   | 44        |
| Custom Made Safety Vests .....                               | 55        |
| Road Workers Coveralls .....                                 | 57        |
| Polo Shirts, T-shirts and Singlets .....                     | 57        |
| Winter Garments .....  | 61        |
| Custom Made Safety Garments .....                            | 66        |
| Wet Weather Garments .....                                   | 67        |
| <b>5. Industrial Aprons</b>                                  | <b>71</b> |
| PVC Aprons .....   | 71        |
| Neoprene Aprons .....  | 71        |
| Cotton Aprons .....  | 71        |
| <b>6. General Safety and Miscellaneous Products</b>          | <b>72</b> |
| Hard Hat Brims .....   | 72        |
| Calico Hoods and Neck Flaps .....                            | 72        |
| Bowyangs (Boot Covers) and Brush Cutters Leggings .....      | 72        |
| Protective Sleeves .....                                     | 73        |
| Danger and Warning Flags .....                               | 74        |
| Reflective Tape .....  | 75        |
| <b>7. Industry Standards, Test Methods and Size Charts</b>   | <b>76</b> |

# Westex™ Ultra Soft® Overview

## Product Line Overview

Westex's advanced 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, Ultra Soft® fabrics are engineered to have an extremely soft feel to further enhance the superior comfort properties of cotton. 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

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, 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, Ultra Soft® has a strong reputation for providing an excellent balance of protection, comfort and value. Guardian Safety use 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. Ultra Soft® is also used in the military, wildland firefighting and tactical clothing applications.

## Fabric Styles and Typical Garment Application

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

| Westex Ultra Soft®                               |                    |             |  |                 |
|--|--------------------|-------------|--|-----------------|
| PRODUCT / STYLE                                  | Fabric Description |             |  | ATPV* (cal/cm²) |
| Westex Ultra Soft®<br>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            |
| Westex Ultra Soft® Knits<br>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)      |

\* ATPV = Arc Thermal Performance Value

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

## Flame Retardant & Arc Flash Protective Apparel

### **UltraSoft® 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      | ATPV                    | Size                      | Compliant       |
|----------|-------------|-------------------------|---------------------------|-----------------|
| AC500080 | S301        | 8.7 cal/cm <sup>2</sup> | 77R - 112R,<br>87ST-132ST | NFPA70E<br>HRC2 |
| AC500081 | 237gsm      |                         |                           |                 |
| AC500082 | lightweight |                         |                           |                 |

| Part No. | Fabric      | ATPV                     | Size                      | Compliant       |
|----------|-------------|--------------------------|---------------------------|-----------------|
| AC500100 | S451        | 12.4 cal/cm <sup>2</sup> | 77R - 112R,<br>87ST-132ST | NFPA70E<br>HRC2 |
| AC500101 | 305gsm      |                          |                           |                 |
| AC500102 | heavyweight |                          |                           |                 |



### **UltraSoft® 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      | ATPV                    | Size                      | Compliant       |
|----------|-------------|-------------------------|---------------------------|-----------------|
| AC500070 | S301        | 8.7 cal/cm <sup>2</sup> | 77R - 112R,<br>87ST-132ST | NFPA70E<br>HRC2 |
| AC500071 | 237gsm      |                         |                           |                 |
| AC500072 | lightweight |                         |                           |                 |

| Part No. | Fabric      | ATPV                     | Size                      | Compliant       |
|----------|-------------|--------------------------|---------------------------|-----------------|
| AC500090 | S451        | 12.4 cal/cm <sup>2</sup> | 77R - 112R,<br>87ST-132ST | NFPA70E<br>HRC2 |
| AC500091 | 305gsm      |                          |                           |                 |
| AC500092 | heavyweight |                          |                           |                 |

| Part No. | Fabric  | ATPV                    | Size                        | Compliant       |
|----------|---|-------------------------|-----------------------------|-----------------|
| AC500078 | S341 186gsm<br>tropical light weight<br>twill weave | 6.1 cal/cm <sup>2</sup> | 77R - 112R,<br>87ST - 132ST | NFPA70E<br>HRC1 |



## Flame Retardant & Arc Flash Protective Apparel

### **UltraSoft® 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         | ATPV                    | Size     | Compliant       |
|----------|----------------|-------------------------|----------|-----------------|
| AC500010 | S301<br>237gsm | 8.7 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E<br>HRC2 |
| AC500011 |                |                         |          |                 |
| AC500012 |                |                         |          |                 |

### **UltraSoft® 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         | ATPV                    | Size     | Compliant       |
|----------|----------------|-------------------------|----------|-----------------|
| AC500020 | S301<br>237gsm | 8.7 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E<br>HRC2 |
| AC500021 |                |                         |          |                 |
| AC500022 |                |                         |          |                 |

### **UltraSoft® CHAMBRAY 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      | ATPV                    | Size     | Compliant    |
|----------|-------------|-------------------------|----------|--------------|
| AC500024 | S331 186gsm | 6.0 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E HRC1 |

### **UltraSoft® CLOSED FRONT SHIRT – L/S DAY/NIGHT**

**Features:**

- Closed front style
- 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         | ATPV                    | Size     | Compliant       |
|----------|----------------|-------------------------|----------|-----------------|
| AC500027 | S301<br>237gsm | 8.7 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E<br>HRC2 |
| AC500026 |                |                         |          |                 |

## Flame Retardant & Arc Flash Protective Apparel

### **UltraSoft® 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      | ATPV                     | Size         | Compliant |
|----------|-------------|--------------------------|--------------|-----------|
| AC500033 | S451 305gsm | 12.4 cal/cm <sup>2</sup> | 77R - 112R,  | NFPA70E   |
| AC500053 | S301 237gsm | 8.7 cal/cm <sup>2</sup>  | 87ST - 132ST | HRC2      |

### **UltraSoft® 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      | ATPV                     | Size         | Compliant |
|----------|-------------|--------------------------|--------------|-----------|
| AC500043 | S451 305gsm | 12.4 cal/cm <sup>2</sup> | 77R - 112R,  | NFPA70E   |
| AC500063 | S301 237gsm | 8.7 cal/cm <sup>2</sup>  | 87ST - 132ST | HRC2      |

### **UltraSoft® TROUSER – WITH CARGO POCKETS**

**Features:**

- Concealed button closure on waistband
- Seven belt loops
- Nylon zip closure
- Double hip patch pockets
- 2 x Cargo pocket on mens trouser
- 1 x cargo pocket on ladies trouser
- ID/Key loop on R/H side
- Made in Australia



| Part No.             | Fabric      | ATPV                     | Size                     | Compliant       |
|----------------------|-------------|--------------------------|--------------------------|-----------------|
| AC500333C (men's)    | S451 305gsm | 12.4 cal/cm <sup>2</sup> | 77R - 112R, 87ST - 132ST | NFPA70E<br>HRC2 |
| AC500333LC (women's) | S451 305gsm | 12.4 cal/cm <sup>2</sup> | 8 - 20                   |                 |
| AC500334C (men's)    | S301 237gsm | 8.7 cal/cm <sup>2</sup>  | 77R - 112R, 87ST - 132ST |                 |
| AC500334LC (women's) | S301 237gsm | 8.7 cal/cm <sup>2</sup>  | 8 - 20                   |                 |

### **UltraSoft® TROUSER – WITH CARGO POCKETS AND REFLECTIVE TAPE**

**Features:**

- Concealed button closure on waistband
- Seven belt loops
- Nylon zip closure
- Double hip patch pocket
- 2 x Cargo pocket on mens trouser
- 1 x cargo pocket on ladies trouser
- ID/Key loop on R/H side
- 3M8935 R/R Tape 50mm industrial wash / flame retardant single stripe around leg
- Made in Australia



| Part No.             | Fabric      | ATPV                     | Size                     | Compliant       |
|----------------------|-------------|--------------------------|--------------------------|-----------------|
| AC500336C (men's)    | S451 305gsm | 12.4 cal/cm <sup>2</sup> | 77R - 112R, 87ST - 132ST | NFPA70E<br>HRC2 |
| AC500336LC (women's) | S451 305gsm | 12.4 cal/cm <sup>2</sup> | 8 - 20                   |                 |
| AC500337C (men's)    | S301 237gsm | 8.7 cal/cm <sup>2</sup>  | 77R - 112R, 87ST - 132ST |                 |
| AC500337LC (women's) | S301 237gsm | 8.7 cal/cm <sup>2</sup>  | 8 - 20                   |                 |

## Flame Retardant & Arc Flash Protective Apparel

### **UltraSoft®** **3/4 LENGTH JACKET –** **DAY/NIGHT**

**Features:**

- Flannelette lined
- Self collar
- Open waist and cuffs
- Tape configuration style #3 (Hoop Pattern)
- 3M 8935 silver retro reflective tape
- Ultra Soft® 88% cotton drill / 12% high tenacity nylon complies with requirements of AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011

### **UltraSoft®** **3/4 LENGTH JACKET –** **DAY ONLY**

**Features:**

- Flannelette lined
- Self collar
- Open waist and cuffs
- Ultra Soft® 88% cotton drill / 12% high tenacity nylon complies with requirements of AS/NZS 1906.4: 2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.   | Class           | Fabric         | ATPV         | Size     | Compliant       |
|------------|-----------------|----------------|--------------|----------|-----------------|
| IC200172YN | D/N             | S451<br>305gsm | 12.4 cal/cm² | SM - 5XL | NFPA70E<br>HRC2 |
| IC200172ON | Day & Night Use |                |              |          |                 |
| IC200173YN | D               |                |              |          |                 |
| IC200173ON | Day Use         |                |              |          |                 |

### **UltraSoft®** **WAIST** **LENGTH JACKET –** **DAY/NIGHT**

**Features:**

- Flannelette lined
- Ribbed elastic waist, cuffs and collar
- Tape configuration style #3 (Hoop Pattern)
- Ultra Soft® 88% cotton drill / 12% high tenacity nylon complies with requirements of AS/NZS 1906.4: 2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011

### **UltraSoft®** **WAIST** **LENGTH JACKET –** **DAY ONLY**

**Features:**

- Flannelette lined
- Ribbed elastic waist, cuffs and collar
- Ultra Soft® 88% cotton drill / 12% high tenacity nylon complies with requirements of AS/NZS 1906.4: 2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.   | Class           | Fabric         | ATPV         | Size     | Compliant       |
|------------|-----------------|----------------|--------------|----------|-----------------|
| IC200220YN | D/N             | S451<br>305gsm | 12.4 cal/cm² | SM - 5XL | NFPA70E<br>HRC2 |
| IC200220ON | Day & Night Use |                |              |          |                 |
| IC200221YN | D               |                |              |          |                 |
| IC200221ON | Day Use         |                |              |          |                 |

# Custom Manufactured Garments

**Guardian Safety can manufacture flame retardant safety apparel, including shirt, trousers and coveralls, from various fabrics listed below.**

Fabrics: Westex Ultra Soft (Cotton/Nylon Blend), Pincroft Flametuff (Cotton/Nylon Blend), Bruck Endurance (Cotton/Nylon Blend), Proban Cotton, Pyrovatex Cotton, Tecasafe Plus (PPAN/Cellulosic/Para-Aramid Blend), PR97 (Wool/FR Viscose Blend), PR97 Comfort (Wool/FR Viscose/Cotton Blend), Oasis (Wool/FR Viscose/Nylon Blend), Nomex (Meta-Aramid), Nomex/FR Viscose Blend, Kermel, Kermel / FR Viscose Blend, Firestrike (Kermel/Antistatic Fibre Blend), 100% Worsted Wool, Parrawool, Wool/Nomex Blend, Kevlar (Para-Aramid), Modacrylic Cotton Blend.

Working with end users, we can design garments to suit their workplace requirements.

Minimum order quantities may apply to custom made garments

Red Proban®  
Coverall – PP64145



Nomex® Coverall –  
NP740040



Ultra Soft® Yellow Grey  
Workwear



Ultra Soft® Mid Blue Shirt – AC500028MB



Ultra Soft® Yellow Coverall –  
IC200822



Ultra Soft® Emergency Service  
Coverall Navy – IC200135N



Ultra Soft® Emergency Service  
Coverall Red – IC200135R



# Standards and Test Methods FOR FIRE RESISTANT 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 (ATPV) 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 |
| 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 4602.1:2011 | Australian Standard for Hi Visibility Industrial Clothing               |
| AS/NZS 1906        | Retroreflective materials and devices for road traffic control purposes |
| AS/NZS 1906.4:2010 | 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 |      |      |
| JACKETS             |     |     |       |       |       |       |       |       |       |       |      |      |
| Size                |     |     | Small | Med   | Large | XL    | 2XL   | 3XL   | 4XL   | 5XL   |      |      |
|                     |     |     | 92cm  | 97cm  | 102cm | 107cm | 112cm | 117cm | 122cm | 127cm |      |      |

# Arc Flash Defined

## Definition

When an electric current passes through air between ungrounded conductors and grounded conductors, the temperatures can reach 19,000°C. 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.

## WESTEX Ultra Soft® Simplified Compliance

Many companies have decided to simplify compliance to NFPA 70E by implementing everyday uniform programs using 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 Ultra Soft® combinations are available for higher energy HRC 3 & 4 level tasks.



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

\* ATPV = Arc Thermal Performance Value

‡ NFPA = National Fire Protection Association (USA)

## Flame Retardant & Arc Flash Protective Apparel

### **UltraSoft® 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      | ATPV                     | Size     | Compliant       |
|----------|-------------|--------------------------|----------|-----------------|
| AC500301 | S801 440gsm | 21.1 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E<br>HRC2 |
| AC500302 |             |                          |          |                 |

#### Dual Layer

| Part No. | Fabric                          | ATPV                     | Size     | Compliant       |
|----------|---------------------------------|--------------------------|----------|-----------------|
| AC500501 | S801 440gsm over<br>S301 237gsm | 51.5 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E<br>HRC4 |
| AC500502 |                                 |                          |          |                 |



### **UltraSoft® 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      | ATPV                     | Size     | Compliant       |
|----------|-------------|--------------------------|----------|-----------------|
| AC500201 | S801 440gsm | 21.1 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E<br>HRC2 |
| AC500202 |             |                          |          |                 |

#### Dual Layer

| Part No. | Fabric                          | ATPV                     | Size     | Compliant       |
|----------|---------------------------------|--------------------------|----------|-----------------|
| AC500401 | S801 440gsm over<br>S301 237gsm | 51.5 cal/cm <sup>2</sup> | SM - 5XL | NFPA70E<br>HRC4 |
| AC500402 |                                 |                          |          |                 |



## Flame Retardant & Arc Flash Protective Switching Hoods

### UltraSoft® 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      | ATPV                   | Size              | Compliant                            |
|----------|-------------|------------------------|-------------------|--------------------------------------|
| AC500612 | S801 440gsm | 20 cal/cm <sup>2</sup> | One size fits all | ASTM F2178<br>NFPA 70E<br>ASTM F1506 |

#### Category 4 – Dual Layer

| Part No. | Fabric                          | ATPV                   | Size              | Compliant                            |
|----------|---------------------------------|------------------------|-------------------|--------------------------------------|
| AC500602 | S801 440gsm over<br>S301 237gsm | 40 cal/cm <sup>2</sup> | One size fits all | ASTM F2178<br>NFPA 70E<br>ASTM F1506 |



## Flame Retardant & Arc Flash Protective Leggings

### UltraSoft® ARC FLASH LEGGINGS

**Common Features:**

- Knee length 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      | ATPV                   | Size              | Compliant                            |
|----------|-------------|------------------------|-------------------|--------------------------------------|
| AC500123 | S801 440gsm | 20 cal/cm <sup>2</sup> | One size fits all | ASTM F2178<br>NFPA 70E<br>ASTM F1506 |
| AC500122 |             |                        |                   |                                      |

#### Category 4 – Dual Layer

| Part No. | Fabric           | ATPV                   | Size              | Compliant                            |
|----------|------------------|------------------------|-------------------|--------------------------------------|
| AC500113 | S801 440gsm over | 40 cal/cm <sup>2</sup> | One size fits all | ASTM F2178<br>NFPA 70E<br>ASTM F1506 |
| AC500112 | S301 237gsm      |                        |                   |                                      |



## Flame Retardant & Arc Flash Protective ARC Flash Kits

### ARC FLASH KIT

Guardian Safety can supply the following products for the end user so they can customise their own arc flash kit.

- Ultra Soft® shirt, trouser and coverall
- Ultra Soft® switching coat
- Ultra Soft® hood including hard hat
- Ultra Soft® leggings
- Arc rated gloves
- Cotton inner gloves
- Riggers gloves
- Insulated gloves for high voltage
- Bag to carry arc flash protective products
- Contact your local Guardian Safety distributor for further information



# Heat Protective Apparel

## WHAT IS A FURNACE COAT USED FOR?

A furnace coat is primary protective apparel that 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.

### Aluminised Aramid

Aluminised Aramid is a herringbone woven fabric with a highly reflective Gemini aluminised film and is designed for the manufacture of highly flexible industrial clothing such as heat reflective jackets, coats & over pants, also aprons, leggings and glove backing for protection against radiant heat.

It offers woven fabric strength and stability.

It is light weight yet tough and easy to wipe clean (not launder)

Passes BS.5438/6249 A rating (highest possible)

Thermal Protective Index – BS.3791 Radiation – 285 seconds

### 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

Proban fabric supplied by CCWW



## FABRICS USED (CONTINUED)

### Shearguard

Shearguard leather offers superior wearing qualities over normal chrome leather and its heat resistant properties are far in excess of normal chrome split leather. Shearguard has excellent flame resistant properties and will not shrink in areas of extreme heat. Shearguard also possesses all the textile qualities of chrome split leather but also has a water resistant finish. Products made from Shearguard can be laundered in an ordinary washing machine. Shearguard is washable to Standard ISO1, using a neutral soap at 40°C.

### Nomex®

NOMEX® is a DuPont registered trademark for its family of aromatic polyamide (aramid) fibres. This family consists of staple fibres, continuous filament yarns, paper and spun laced fabrics. Unlike flame-retardant treated (FRT) materials, NOMEX® brand fibres are inherently flame resistant (FR): the flame resistance is an inherent property of the polymer chemistry. It will not diminish during the life of the fibre. The fibre's low stiffness and high elongation give it textile-like characteristics which allow processing on conventional textile equipment.

\*Nomex® is a registered trademark of the DuPont Company.

### 100% Worsted Wool

Nature has produced a natural flame retardant fabric in the form of pure wool. Worsted Wool has natural protective qualities that have been enhanced by the addition of a PFZ treatment to increase the flame retardancy of the fabric.

Unlike some manmade fibres wool does not melt, instead it forms a thick insulating char which is cool to the touch and prevents flame spread.

420gsm, Worsted Wool is most suitable in many areas including molten metal protection.

### Firestrike-245

Firestrike-245 is a blend of 99% Polyamide-imide and 1% Antistatic fibres that are inherently flame retardant with high Limited Oxygen Index (LOI) and retains integrity when exposed to flames.

Offers good protection against molten zinc based products.

### Aramid Fibre (Kevlar®)

Aramid fibre is used to manufacture heat and abrasion resistant fabrics known as the Fortamid range. These fabrics are used to make protective suits, aprons, leggings, gloves and mitts, which are hard wearing and protect against conductive and radiant heat.

Aramid offers excellent abrasion and flame resistance. It does not melt or support combustion and starts to carbonise at approx 430°C.

For increased heat protection, aramid fibre is combined with glass filament. This yarn is made by spinning aramid around high temperature glass filament and is suitable for contact applications at temperatures up to 180°C for long term exposure and 450°C for short term exposure (such as handling hot objects).

**Fortamid fabrics are available in four styles;**

- **Woven Fortamid (Aramid Woven)**

A high performance woven composite fabric that is rated at 450°C for short term contact use.

- **Needlefelt Fortamid (Aramid Felt)**

A 100% aramid needled fabric. It has good cut and slash resistance and is light and comfortable to wear. This fabric will start to carbonise at approx 430°C.

- **Loop Pile Fortamid (Aramid Loop Pile)**

A 100% aramid also known as terry-pile. It has the best cut and slash resistance properties and is the most suitable product for sharp working environments.

- **Aluminised Fortamid (Aluminised Aramid)**

The highly aluminised surface reflects over 90% of radiant heat away from both the base fabric and the high temperature adhesive. This allows the wearer maximum protection from a lightweight flexible garment.



\*Kevlar® is the DuPont™ registered trade mark for their Para-Aramid fibre.

# Primary or Secondary Personal Protective Apparel

## WHAT IS PRIMARY PROTECTIVE APPAREL?

Primary Protective Apparel are designed to be worn as an over garment in applications where significant exposure to molten substance splash, radiant heat and flame is likely to occur. Primary Protective Apparel is specialised protective products designed along with the end user for the best possible protection in high risk areas. Primary Protective Apparel includes furnace coats, smocks and trousers, spats and leggings, hoods, neck flaps and gloves. This apparel is made of technical fabrics that are tested in laboratories to meet local and international standards and are designed to be worn over Secondary Protective Apparel.

Furnace Protective Apparel is your Primary Protective Apparel when working in furnace and smelting operations, it is your first line of defence. It is designed to be worn for work activities during which significant exposure to molten substance splash, radiant heat and flame is likely to occur. Such work activities include charging, taping and pouring, during which work is carried out in close proximity to molten substances and hot surfaces and contact with either is likely. Correct use of Primary Protective Clothing can dramatically reduce damage to Secondary Protective Clothing.

## WHAT IS SECONDARY PROTECTIVE APPAREL?

Secondary Protective Apparel is everyday Workwear designed for constant wear in selected workplaces where intermittent exposure to molten substance splash, radiant heat and flame is possible and is usually worn under Primary Protective Apparel where required. Secondary Protective Apparel should be worn at all times, but it should not be a substitute for primary protective clothing. Depending on the metals being processed Ultra Soft, PR97, Firestrike-245 and Proban are some of the Secondary Protective Clothing options available.

**NB:** Guardian Safety has no control over the end use that customers may apply the products provided. Although fabrics are tested in a controlled laboratory environment they do not necessarily show performance in an actual hazardous work place. Guardian Safety recommend that end users do their own on site risk assessment to evaluate the fabric selected will protect their personnel in their work place





## 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 | SM – 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 | SM – 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 | SM – 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 | SM – 3XL |
| AD600072 |                        |        |          |
| AD600083 | Heavy weight Parrawool | 780gsm |          |
| AD600082 |                        |        |          |

## Parrawool Apparel

### LIGHTWEIGHT PARRAWOOL COAT WITH SHEARGUARD FRONT & SLEEVES OVERLAY

**Features:**

- Full Lightweight Parrawool coat with Shearguard leather overlay on front and sleeve panels
- 50mm flame retardant Velcro Closure
- Sewn with Aramid thread
- Excellent heat resistance
- Offers dual layer protection from molten metal splash



| Part No. | Fabric                 | Weight | Size     |
|----------|------------------------|--------|----------|
| FC749501 | Light weight Parrawool | 540gsm | SM – 3XL |

### HEAVYWEIGHT PARRAWOOL FURNACE SMOCK

**Features:**

- Double breasted smock style for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against radiant and convective heat and molten metal splash



| Part No. | Fabric                 | Weight | Size     |
|----------|------------------------|--------|----------|
| FC749112 | Heavy weight Parrawool | 780gsm | SM – 3XL |

### HEAVYWEIGHT PARRAWOOL NECK FLAP

**Features:**

- Slots to attach to hard hat harness
- Offers excellent protection for the neck area against molten metal splash



| Part No. | Fabric                 | Weight | Length |
|----------|------------------------|--------|--------|
| FC749124 | Heavy weight Parrawool | 780gsm | 15cm   |

### HEAVYWEIGHT PARRAWOOL FULL HOOD

**Features:**

- Shoulder length hood
- Sewn with Aramid Thread
- Designed to fit over hard hat
- Offers excellent protection for the head, face and neck area against molten metal splash



| Part No. | Fabric                 | Weight | Size              |
|----------|------------------------|--------|-------------------|
| FC749007 | Heavy weight Parrawool | 780gsm | One size fits all |

## 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 | SM – 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 | SM – 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 | SM – 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 | SM – 3XL |
| AD600122 |        |        |          |

## PR97™ Apparel

### PR97™ NECK FLAP

**Features:**

- Heat resistant protection against Convective heat and molten aluminium and other molten metal splash
- Self adhesive Velcro fastening to attach to hard hat
- Aramid thread



| Part No. | Fabric | Weight |
|----------|--------|--------|
| FC749025 | PR97™  | 500gsm |

## Worsted Wool Apparel

### WORSTED WOOL DAY/NIGHT FURNACE COAT WITH WRAP AROUND COLLAR

**Features:**

- Silver flame retardant tape in STD #1 (H pattern)
- Press Stud closure
- Velcro tabs on wrists
- Sewn with Aramid Thread
- Offers lightweight protection against convective heat and molten metal splash



| Part No. | Fabric       | Weight | Length |
|----------|--------------|--------|--------|
| FC801039 | Worsted Wool | 420gsm | 120cm  |



## Aluminised Aramid Apparel

### ALUMINISED ARAMID FURNACE SMOCK

**Features:**

- Smock style design for increased protection
- Manufactured from Aluminised 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     |
|----------|-------------------|--------|----------|
| AP770043 | Aluminised Aramid | 550gsm | SM – 3XL |

### ALUMINISED ARAMID FURNACE COAT

**Features:**

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



| Part No. | Fabric            | Weight | Size     |
|----------|-------------------|--------|----------|
| AP770001 | Aluminised Aramid | 550gsm | SM – 3XL |

### ALUMINISED ARAMID 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     |
|----------|-------------------|--------|----------|
| AP770005 | Aluminised Aramid | 550gsm | SM – 3XL |

### ALUMINISED ARAMID 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     |
|----------|-------------------|--------|----------|
| AP770003 | Aluminised Aramid | 550gsm | SM – 3XL |

## Aluminised Aramid Apparel

### ALUMINISED ARAMID HOOD WITH CLEAR VISOR

**Features:**

- Complete with built in hard hat
- Dual polypropylene clear visors
- Replacement inner and 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              |
|-----------|-------------------------|-------------------|-------------------|
| AP740219  | Clear                   | Aluminised Aramid | One size fits all |
| AP74219RL | Replacement Outer Visor |                   |                   |
| AP74022RL | Replacement Inner Visor |                   |                   |

### ALUMINISED ARAMID LEGGINGS

**Features:**

- Complete with leather strap & buckle
- Flame retardant touch tape side fastening
- Sewn in Aramid thread



| Part No. | Fabric            | Size |
|----------|-------------------|------|
| AP770009 | Aluminised Aramid | 40cm |
| AP770050 |                   | 23cm |

### ALUMINISED ARAMID BIB APRON

**Features:**

- With adjustable polypropylene webbing straps and clip
- Apron size: 110cm x 75cm
- Offers excellent protection against radiant heat and molten metal splash
- Leather straps and buckles available
- Other sizes available



| Part No. | Fabric            | Weight |
|----------|-------------------|--------|
| AP744333 | Aluminised Aramid | 550gsm |

### ALUMINISED ARAMID BIB APRON WITH CHAPS

**Features:**

- Aluminised Aramid bib apron with full chaps
- Insulated with 100% pure wool lining
- Adjustable waist belt
- Offers excellent protection against radiant heat and molten metal splash



| Part No. | Fabric            | Weight |
|----------|-------------------|--------|
| AP730036 | Aluminised Aramid | 550gsm |

## Aluminised Aramid Apparel

### ALUMINISED ARAMID APRON ADJUSTABLE STRAP

**Features:**

- Aluminised aramid
- Excellent protection against radiant heat and molten metal splash
- Fully adjustable Heavy duty leather straps & Buckles
- Sewn with aramid thread



| Part No. | Fabric            | Weight |
|----------|-------------------|--------|
| AP801377 | Aluminised Aramid | 550gsm |

### HEAVYWEIGHT PARRAWOOL / ALUMINISED ARAMID FURNACE SMOCK

**Features:**

- Double breasted smock style for increased protection
- Aluminised Aramid front panels for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against radiant and convective heat and molten metal splash



| Part No. | Fabric                                      | Weight | Size     |
|----------|---|--------|----------|
| FC749117 | Heavyweight Parrawool/<br>Aluminised Aramid | 780gsm | SM – 3XL |

## Aluminised Preox Apparel

### ALUMINISED PREOX HOOD & NECK FLAP

**Features:**

- Lined with Lightweight Parrawool
- Designed to fit over hard hat
- Offers excellent protection against radiant heat and molten metal splash



| Part No. | Fabric           | Weight |
|----------|------------------|--------|
| FC749021 | Aluminised Preox | 550gsm |



## Aluminised Preox 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 | SM – 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 | SM – 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 | SM – 3XL |
| AD600197B<br>Including 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 | SM – 3XL |



## 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:**

- Complete with leather strap & buckle
- Flame retardant touch tape side fastening
- Sewn in Aramid thread



| Part No. | Fabric           | Size |
|----------|------------------|------|
| AD600237 | Aluminised Preox | 40cm |
| AD600236 |                  | 23cm |

### HIP LENGTH ALUMINISED PREOX / PRE-OXIDISED ACRYLIC SMOCK

**Features:**

- Lightweight and comfortable
- Front and rear yoke are aluminised preox
- Sleeves and back are Pre-oxidised Acrylic (non aluminised)
- Aluminised pre-ox aramid reflects radiant heat and offers excellent protection against molten metal splash
- Sewn with aramid thread



| Part No. | Fabric                                  | Length | Size     |
|----------|---|--------|----------|
| AP800586 | Aluminised Preox / Pre-oxidised Acrylic | 116cm  | SM - 3XL |
| AP800587 |   | 135cm  |          |

### ALUMINIUM PREOX FURNACE COAT WITH ORANGE PROBAN® BACK

**Features:**

- Front of jacket and sleeves are manufactured from aluminised preox
- Back of jacket is a lightweight 330gsm Proban cotton drill
- Protects against radiant heat and molten metal splash
- Sewn with Aramid Thread



| Part No. | Fabric                           | Length | Size     |
|----------|----------------------------------|--------|----------|
| AP800267 | Aluminised Preox / Proban Cotton | 140cm  | SM - 3XL |

## Shearguard Apparel

### SHEARGUARD FULL LENGTH COAT

**Features:**

- Shearguard leather is a treated leather for higher temperature than standard leather
- Full length coat used in foundry environment (lancing)
- Sewn in Aramid thread double stitched for extra protection and strength.



| Part No. | Fabric             | Length | Size     |
|----------|--------------------|--------|----------|
| SP801242 | Shearguard Leather | 160cm  | SM - 3XL |

### SHEARGUARD NECK FLAP VELCRO

**Features:**

- Shearguard high temperature leather
- Sewn with aramid thread
- Fire retardant Velcro to attach to hard hat



| Part No. | Fabric             | Size              |
|----------|--------------------|-------------------|
| SP801245 | Shearguard Leather | One size fits all |

### SHEARGUARD CHAPS

**Features:**

- Shearguard leather is treated leather for higher temperature than standard leather
- Adjustable touch tape straps
- Webbing belt and clip buckle
- Sewn with aramid thread



| Part No. | Fabric             | Size              |
|----------|--------------------|-------------------|
| SP801244 | Shearguard Leather | One size fits all |

### FULL LENGTH SHEARGUARD FURNACE COAT WITH PROBAN

**Features:**

- Front of jacket and sleeves are manufactured from Shearguard leather
- Back of jacket is a heavyweight 380gsm Proban flame retardant cotton drill
- Protects molten metal splash
- Flame retardant Velcro closure
- Velcro tabs on wrists
- Sewn with Aramid Thread



| Part No. | Fabric                                   | Length | Size     |
|----------|--|--------|----------|
| SP801542 | Shearguard Leather / Proban Cotton Drill | 130cm  | SM - 3XL |

## Aramid Felt Apparel

### ARAMID FELT 3/4 LENGTH COAT

**Features:**

- Aramid felt is lightweight and comfortable wearing
- Heat resistant to 430° Celsius
- Flame retardant Velcro closure down front of coat
- Sewn with aramid thread
- Length 1100mm



| Part No. | Fabric      | Weight | Size     |
|----------|-------------|--------|----------|
| FC710030 | Aramid Felt | 240gsm | SM - 3XL |

## Firestrike-245 Apparel

### FIRESTRIKE-245 FURNACE SMOCK

**Features:**

- Fabric description: Firestrike-245 is a blend of 99% Polyamide-imide and 1% Antistatic fibres.
- Double breasted smock style design for increased protection
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- Offers excellent protection against molten zinc and similar low temperature metals splash
- Length 95cm



| Part No. | Fabric         | Size     |
|----------|----------------|----------|
| AD600173 | Firestrike-245 | SM - 3XL |

## Nomex Apparel

### WHITE NOMEX® BALACLAVA

**Features:**

- Nomex® plus flame retardant viscose
- Double layered knit
- Neck shroud
- Suitable for structural fires and bush fires
- Offers excellent protection against radiant and convective heat
- Complies with NFPA 1971-97 ISO 11613 Clause 6
- Open face and eye holes styles available
- Also in General Safety and Miscellaneous Products
- One size fits all



| Part No.   | Fabric | Style     |
|------------|--------|-----------|
| NP640014   | Nomex® | Open Face |
| NP640014EH |        | Eye Holes |

## Proban® Apparel

### PROBAN® KNITTED FLASH HOOD

**Features:**

- Hood manufactured from lightweight Proban® Knit
- Flame retardant Velcro closure
- Sewn in Aramid thread



| Part No. | Fabric       | Weight |
|----------|--------------|--------|
| PP640103 | Proban® Knit | 220gsm |

## Heat Protective Gloves and Mitts – Aramid Woven and Felt

### ARAMID WOVEN PALM HEAT RESISTANT GAUNTLET

**Features:**

- Aramid woven palm
- Aramid felt back and cuff extension
- Insulated with wool lining
- Heat resistance to 430°C
- Excellent cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Length |
|----------|--------|
| KG730001 | 30cm   |
| KG730003 | 40cm   |
| KG730004 | 45cm   |

### ALL ARAMID FELT HEAT RESISTANT GAUNTLET

**Features:**

- All Aramid felt palm and back
- Insulated with wool lining
- Heat resistance to 430°C
- Good cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Length |
|----------|--------|
| KG730012 | 30cm   |
| KG730014 | 40cm   |
| KG730015 | 45cm   |

### ALL ARAMID WOVEN HEAT RESISTANT GAUNTLET

**Features:**

- All Aramid woven palm and back
- Insulated with wool lining
- Heat resistance to 430°C
- Excellent cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Length |
|----------|--------|
| KG730017 | 30cm   |
| KG730018 | 40cm   |
| KG730021 | 45cm   |

### ARAMID LOOP PILE PALM HEAT RESISTANT GAUNTLET

**Features:**

- Aramid loop pile palm
- Aramid felt back and cuff extension
- Insulated with wool lining
- Heat resistance to 430°C
- Excellent cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Length |
|----------|--------|
| KG730020 | 40cm   |
| KG730025 | 45cm   |

### ARAMID HEAT RESISTANT GLOVE SAVER

**Features:**

- Aramid fibre
- Heat resistance to 430°C
- To be worn over heat resistant gauntlets
- Excellent cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Fabric                |
|----------|-----------------------|
| KG730024 | All woven             |
| KG730028 | Woven palm, felt back |

### ARAMID HEAT RESISTANT COVER MITT

**Features:**

- Aramid fibre
- Heat resistance to 430°C
- To be worn over heat resistant mitts
- Reversible cover mitts available
- Excellent cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Fabric                |
|----------|-----------------------|
| KM750015 | Woven palm/ felt back |
| KM750016 | All woven reversible  |

## Heat Protective Gloves and Mitts – Aramid Woven and Felt

### ARAMID WOVEN PALM HEAT RESISTANT MITT

**Features:**

- Aramid woven palm
- Aramid felt back and cuff extension
- Insulated with wool lining
- Heat resistance to 430°C
- Excellent cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Length |
|----------|--------|
| KM750001 | 30cm   |
| KM750002 | 40cm   |
| KM750003 | 50cm   |

### ALL ARAMID WOVEN HEAT RESISTANT MITT

**Features:**

- All Aramid woven
- Insulated with wool lining
- Fully reversible for longer wearing
- Heat resistance to 430°C
- Excellent cut, slash and abrasion resistance
- Sewn in Aramid thread



| Part No. | Length |
|----------|--------|
| KM750009 | 30cm   |
| KM750010 | 40cm   |
| KM750011 | 50cm   |

### ALL ARAMID FELT HEAT RESISTANT MITT

**Features:**

- All Aramid felt
- Insulated with wool lining
- Heat resistance to 430°C
- Good cut, slash and abrasion resistance
- Sewn in Aramid thread
- Reversible mitts available



| Part No. | Length |
|----------|--------|
| KM750004 | 30cm   |
| KM750005 | 40cm   |
| KM750006 | 50cm   |

## ARAMID FIBRE

Aramid fibre is used to manufacture heat and abrasion resistant fabrics known as the Fortamid range. These fabrics are used to make protective suits, aprons, leggings, gloves and mitts, which are hard wearing and protect against conductive and radiant heat.

Aramid offers excellent abrasion and flame resistance. It does not melt or support combustion and starts to carbonise at approx 430°C.

For increased heat protection, aramid fibre is combined with glass filament. This yarn is made by spinning aramid around high temperature glass filament and is suitable for contact applications at temperatures up to 180°C for long term exposure and 450°C for short term exposure (such as handling hot objects).



### Fortamid fabrics are available in four styles;

- Woven Fortamid (Aramid Woven) - is a high performance woven composite fabric that is rated at 450°C for short term contact use.
- Needlefelt Fortamid (Aramid Felt) - is a 100% aramid needled fabric. It has good cut and slash resistance and is light and comfortable to wear. This fabric will start to carbonise at approx 430°C.
- Loop Pile Fortamid (Aramid Loop Pile) - is 100% aramid also known as terry-pile. It has the best cut and slash resistance properties and is the most suitable product for sharp working environments.
- Aluminised Fortamid (Aluminised Aramid) - The highly aluminised surface reflects over 90% of radiant heat away from both the base fabric and the high temperature adhesive. This allows the wearer maximum protection from a lightweight flexible garment.

Kevlar® is the DuPont™ registered trade mark for their Para-Aramid fibre.

## Heat Protective Gloves and Mitts – Aluminsed Aramid

### ALUMINISED ARAMID / WOVEN PALM GAUNTLET

**Features:**

- Aluminised Aramid back
- Aramid woven palm
- Aramid felt cuff extension
- Insulated with wool lining
- Protection from radiant heat
- Sewn in Aramid thread
- Length: 40cm (other lengths available)



| Part No. | Length |
|----------|--------|
| AP770010 | 40cm   |

### ALUMINISED PREOX / SHEARGUARD PALM GAUNTLET

**Features:**

- Aluminised Preox back
- Premium grade Shearguard leather palm
- Heat resistant leather
- Insulated with wool lining
- Protection from radiant heat
- Sewn in Aramid thread
- Length: 40cm (other lengths available)



| Part No. | Length |
|----------|--------|
| SP610011 | 40cm   |

### ALUMINISED ARAMID / LEATHER PALM GAUNTLET

**Features:**

- Aluminised Aramid back
- Premium grade chrome leather palm
- Insulated with wool lining
- Protection from radiant heat
- Sewn in Aramid thread
- Length: 40cm (other lengths available)



| Part No. | Length |
|----------|--------|
| AP770019 | 40cm   |

### PREMIUM SHEARGUARD GAUNTLET

**Features:**

- Premium grade Shearguard leather palm
- Heat resistant leather
- Insulated with 100% pure wool lining
- Protection from radiant heat
- Sewn in Aramid thread
- Length: 40cm (other lengths available)



| Part No. | Length |
|----------|--------|
| SP610002 | 40cm   |

### FULLY ALUMINISED ARAMID MITT

**Features:**

- Fully aluminised Aramid back, palm and cuff
- Insulated with wool lining
- Offers excellent protection against radiant heat and molten metal splash
- Sewn in Aramid thread
- Mitt length: 40cm
- Also available in glitt style (separated forefinger)

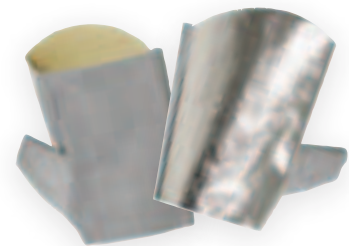


| Part No. | Style | Length |
|----------|-------|--------|
| AP770070 | Mitt  | 40cm   |
| AP770071 | Glitt |        |

### ALUMINISED ARAMID / LEATHER PALM GLOVE SAVER

**Features:**

- Aluminised Aramid back
- Leather palm
- Welding glove protection from radiant heat
- Available in either left hand only or right hand only



| Part No. | Style      |
|----------|------------|
| AP743301 | Left hand  |
| AP743302 | Right hand |

# Welding Apparel & Welding Safety Products

Guardian Safety is a market leader in protective apparel for welders and we have been supplying Australian industry since 1974. Guardian Safety offers a vast range of welding garments made from various materials to take care of welders in all kinds of conditions.

If you are stick, MIG or TIG welding, working outdoors, indoors, or in a confined space we have the protection you need from our range of welding jackets, coats, trousers, sleeves, hoods, knee pads, leggings and spats made from chrome or premium leathers and Proban® flame retardant (FR) cotton drill. We can also supply a combination of leather and Proban® flame retardant (FR) cotton drill to meet your work place requirements.

## WELDING PROTECTIVE APPAREL MATERIALS

### Leather

When protection from heavy duty welding is required, leather is the most effective material. Leather is long lasting, durable and cost effective.

### Proban® Flame Retardant (FR) Cotton Drill

Proban® offers a lightweight alternative when protection from light to moderate welding is required. \*Proban® fabric supplied by CCWW.

### Custom Manufactured Welding Apparel and Safety Products

Guardian Safety can work with you to manufacture welding apparel to meet the requirements of the end user. For example, we can add leather to the front of a Proban® welding jacket to provide added protection in areas that are subject to welding spatter and cross which will extend the life of the garment.



## Welding Apparel – Chrome Leather

### STANDARD LEATHER WELDERS JACKET

**Features:**

- Premium grade chrome leather
- Metal press stud opening (2 rows)
- Standard length: 76cm
- Sewn in Aramid thread
- Protection against welding spatter, dross & radiant heat



| Part No.  | Fabric         | Size     |
|---|----------------|----------|
| LI630009  | Chrome Leather | SM – 4XL |
| <b>Also available as Bolero jacket, length 40cm</b> |                |          |
| LJ740234  | Chrome Leather | SM – 4XL |

### LEATHER WELDERS SLEEVE

**Features:**

- Premium quality chrome leather
- Full arm protection
- Leather strap and buckle fastening



| Part No. | Size              |
|----------|-------------------|
| LP630005 | One size fits all |

### FULL LEATHER TROUSERS

**Features:**

- Chrome leather trousers
- Premium grade leather
- Webbing belt & clip buckle
- One size fits all



| Part No. | Size              |
|----------|-------------------|
| LP630010 | One size fits all |



## Welding Apparel – Chrome Leather

### LEATHER CHAPS



**Features:**

- Chrome leather welders chaps
- Premium grade leather
- Adjustable touch tape straps
- Webbing belt & clip buckle
- One size fits all



| Part No. | Size              |
|----------|-------------------|
| LP630102 | One size fits all |

### SEATLESS LEATHER TROUSERS

**Features:**

- Chrome leather trousers
- Seatless for extra comfort
- Premium grade leather
- Webbing belt & clip buckle
- One size fits all



| Part No. | Size              |
|----------|-------------------|
| LP630022 | One size fits all |

### LEATHER BIB APRON

**Features:**

- Premium quality chrome leather
- Webbing belt and plastic side clip
- Reinforced strap attachments
- Available with leather straps and buckle fastening



| Part No. | Size                 |
|----------|----------------------|
| LA630030 | Standard 60cm x 90cm |
| LA630032 | X-Large 70cm x 107cm |

### LEATHER WAIST APRON

**Features:**

- Premium quality chrome leather
- Webbing belt and plastic side clip
- Reinforced strap attachments
- Size: 60cm x 60cm
- Available with leather straps and buckle fastening



| Part No. | Size        |
|----------|-------------|
| LA630027 | 60cm x 60cm |

## Welding Apparel – Chrome Leather

### SPAT LEATHER WITH ELASTIC TOP AND REMOVABLE STRAP AND BUCKLE

**Features:**

- Ankle length leather spat
- Touch tape fastening for quick release
- Elastic top for extra protection
- Removable (Velcro) leather strap and buckle
- Minimal exposed seams on work areas
- Full boot coverage



| Part No. | Length |
|----------|--------|
| LS801252 | 23cm   |

### LEATHER WELDERS LEGGINGS

**Features:**

- Knee length leather leggings
- Strap and buckle toe cap fastening
- Supported to eliminate sagging
- Minimal exposed seams on work areas
- Full boot coverage



| Part No. | Length |
|----------|--------|
| LS801528 | 40cm   |

### LEATHER WELDERS SPATS

**Features:**

- Ankle length leather spat
- Touch tape fastening for quick release
- Elastic top for extra protection
- Minimal exposed seams on work areas
- Full boot coverage



| Part No. | Length |
|----------|--------|
| LS801254 | 23cm   |

### LEATHER KNEE PADS

**Features:**

- Premium quality chrome leather
- High density foam rubber (40mm)
- Elastic straps with touch tape fastenings
- Knee or elbow protection



| Part No. | Thickness |
|----------|-----------|
| LP630006 | 40mm      |

## Welding Apparel – Chrome Leather

### LEATHER WELDERS CAP WITH NAPE

**Features:**

- Premium quality chrome leather
- Head and neck protection
- Bias bound edges
- Available with 15cm or 22cm nape



| Part No. | Nape Length |
|----------|-------------|
| LP630014 | 15cm        |
| LP630024 | 22cm        |

### LEATHER WELDERS CAP

**Features:**

- Premium quality chrome leather
- Cotton lined for comfort
- Double stitched
- Bias bound edges



| Part No. | Size              |
|----------|-------------------|
| LP630013 | One size fits all |

### LEATHER WELDERS SNOOD

**Features:**

- Premium quality chrome leather
- Cotton lined for comfort
- Head and shoulder protection
- Press stud fastening
- Bias bound edges



| Part No. | Size              |
|----------|-------------------|
| LP630015 | One size fits all |

### LEATHER WRIST/ARM GUARD

**Features:**

- Premium quality chrome leather
- Cotton lined for comfort
- Touch tape fastening
- Available with & without cane inserts for added protection
- Bias bound edges
- Length: 20cm



| Part No. | Style             |
|----------|-------------------|
| LP630003 | Standard          |
| LP630004 | with Cane Inserts |

## Welding Apparel – Chrome Leather

### LEATHER COVERED FOAM KNEELING PAD

**Features:**

- Outer material – chrome leather
- Sewn with aramid thread
- High density flame retardant foam



| Part No. | Size             |
|----------|------------------|
| LP630085 | 600 x 300 x 25mm |

### LEATHER WELDING CABLE COVER

**Features:**

- Premium quality chrome leather
- 150mm wide leather cover
- Available with touch tape or press stud fastening
- Available in grain leather
- Made to any length and width
- To protect cables or pipes from welding spatter and dross



| Part No. | Size         |
|----------|--------------|
| LP630065 | By the metre |

### LEATHER ROD HOLDER

**Features:**

- Premium quality chrome leather
- For holding welding rods
- Also available in grain leather



| Part No. | Length |
|----------|--------|
| LP630034 | 30cm   |



## Welding Apparel – Proban®

### LIGHTWEIGHT PROBAN® WELDERS JACKET

**Features:**

- Lightweight Proban® jacket manufactured from Proban® drill cotton
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- For use with light to moderate welding only



| Part No. | Fabric      | Weight | Length | Size     |
|----------|-------------|--------|--------|----------|
| PP64104O | Proban®     | 330gsm | 75cm   | SM – 5XL |
| PP64104N | Lightweight |        |        |          |

### LIGHTWEIGHT PROBAN® JACKET WITH LEATHER SLEEVES

**Features:**

- Lightweight Proban® jacket manufactured from Proban® drill cotton
- Premium grade chrome leather sleeves
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- For use with light to moderate welding only



| Part No. | Fabric      | Weight | Length | Size     |
|----------|-------------|--------|--------|----------|
| PP64108O | Proban®     | 330gsm | 75cm   | SM – 5XL |
| PP64108N | Lightweight |        |        |          |

### HEAVYWEIGHT PROBAN® WELDERS JACKET

**Features:**

- Heavyweight Proban® jacket manufactured from Proban® drill cotton
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- For use with light to moderate welding only



| Part No. | Fabric              | Weight | Length | Size     |
|----------|---------------------|--------|--------|----------|
| PP64109  | Proban® Heavyweight | 380gsm | 75cm   | SM – 5XL |

### HEAVYWEIGHT PROBAN® JACKET WITH LEATHER SLEEVES

**Features:**

- Heavyweight Proban® jacket manufactured from Proban® drill cotton
- Premium grade chrome leather sleeves
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- For use with light to moderate welding only



| Part No. | Fabric              | Weight | Length | Size     |
|----------|---------------------|--------|--------|----------|
| PP64115  | Proban® Heavyweight | 380gsm | 75cm   | SM – 5XL |

## Welding Apparel – Proban®

### PROBAN® WELDERS SKULL CAP

**Features:**

- Welders cap manufactured from lightweight Proban® drill cotton
- Sewn in Aramid thread
- For use with light to moderate welding only



| Part No.  | Fabric      | Weight |
|-----------|-------------|--------|
| PP640115  | Proban®     | 330gsm |
| PP640115Y | Lightweight |        |

### PROBAN® WELDERS HOOD

**Features:**

- Welders hood manufactured from lightweight Proban® drill cotton
- Full head and shoulder protection
- Sewn in Aramid thread
- For use with light to moderate welding only
- Available with elastic face or with drawstring



| Part No.  | Fabric                 | Weight | Style        |
|-----------|------------------------|--------|--------------|
| PP640101  | Proban®<br>Lightweight | 330gsm | Drawstring   |
| PP640102  |                        |        | Elastic Face |
| PP640101Y |                        |        | Drawstring   |
| PP640102Y |                        |        | Elastic Face |

### PROBAN® T SHIRT

**Features:**

- Proban® cotton interlock flame retardant fabric
- Lightweight and breathable
- Used as an undergarment where added protection is required



| Part No. | Fabric            | Weight | Size     |
|----------|-------------------|--------|----------|
| PP800365 | Proban® Interlock | 220gsm | SM – 5XL |

### NAVY PROBAN® SNOOD WITH CORD

**Features:**

- Length covers Shoulders
- Drawstring adjustment around face
- Sewn with Aramid thread



| Part No.   | Fabric              | Weight |
|------------|---------------------|--------|
| PP640102NC | Proban® Lightweight | 330gsm |

## Welding Apparel – Proban®

### LIGHTWEIGHT PROBAN® FULL LENGTH COAT

**Features:**

- Lightweight Navy Proban® full length coat manufactured from Proban® flame retardant cotton drill
- Flame retardant Velcro closure
- Sewn in Aramid Thread



| Part No. | Fabric              | Weight | Length | Size     |
|----------|---------------------|--------|--------|----------|
| PP64106  | Proban® Lightweight | 330gsm | 130cm  | SM – 5XL |

### LIGHTWEIGHT PROBAN® KNEELING PAD SMALL

**Features:**

- High density flame retardant foam
- Sewn with Aramid thread
- Outer material – lightweight Proban® flame retardant cotton drill
- Other sizes available



| Part No.  | Fabric              | Weight | Size             |
|-----------|---------------------|--------|------------------|
| PP740267S | Proban® Lightweight | 330gsm | 600 x 300 x 25mm |

### ¾ LENGTH HEAVYWEIGHT PROBAN® SMOCK

**Features:**

- Manufactured from Proban® drill cotton
- Double breasted smock
- Flame retardant touch tape fastening
- Sewn in Aramid thread
- For use with light to moderate welding only



| Part No. | Fabric              | Weight | Length | Size     |
|----------|---------------------|--------|--------|----------|
| PP800264 | Proban® Heavyweight | 380gsm | 90cm   | SM – 5XL |

### PROBAN® WELDERS SLEEVES

**Features:**

- Manufactured from Proban® drill cotton
- Sewn in Aramid thread
- Elasticated both ends
- For use with light to moderate welding only
- Other sizes available on request



| Part No. | Fabric              | Weight | Length |
|----------|---------------------|--------|--------|
| PP640120 | Proban® Lightweight | 330gsm | 30cm   |

## Premium Welding Apparel

### PREMIUM LEATHER WELDERS 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 | SM – 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® | SM – 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     |
|----------|---------------------------|----------|
| AD600066 | Proban® / Premium Leather | SM – 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® | SM – 3XL |



## 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 | SM – 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 |

## PVC Welding Curtain with Cable Ties

### PVC WELDING CURTAIN WITH CABLE TIES (GREEN)

**Features:**

- Manufactured from translucent Unsupported PVC
- Formulated to absorb ultraviolet radiation
- Heat sealed seams on all sides
- Heavy duty brass eyelets every 30cm
- Suitable for all welding processes including TIG and MIG welding
- Can be manufactured to any size



| Part No. | Size       |
|----------|------------|
| WC650008 | 1.8 x 1.3m |
| WC650009 | 1.8 x 1.8m |
| WC650010 | 1.8 x 2.0m |
| WC650011 | 1.8 x 2.6m |
| WC650012 | 1.8 x 3.9m |
| WC650013 | 1.8 x 4.5m |
| WC650014 | 1.8 x 5.2m |



### PVC WELDING CURTAIN WITH CABLE TIES (RED)

**Features:**

- Manufactured from translucent Unsupported PVC
- Formulated to absorb ultraviolet radiation
- Heat sealed seams on all sides
- Heavy duty brass eyelets every 30cm
- Suitable for all welding processes including TIG and MIG welding
- Can be manufactured to any size



| Part No. | Size       |
|----------|------------|
| WC650001 | 1.8 x 1.3m |
| WC650002 | 1.8 x 1.8m |
| WC650003 | 1.8 x 2.0m |
| WC650004 | 1.8 x 2.6m |
| WC650005 | 1.8 x 3.9m |
| WC650006 | 1.8 x 4.5m |
| WC650007 | 1.8 x 5.2m |



## Welding Blankets

### CHROME LEATHER WELDING BLANKET

**Features:**

- Premium quality chrome leather
- For use in general welding
- Brass eyelets every 30cm (optional)
- All seams double stitched
- Seams sewn in Aramid thread
- Other sizes available on request



| Part No. | Size    |
|----------|---------|
| LI630094 | 2m x 2m |
| LI630095 | 2m x 3m |

### SILICA 1000 WELDING BLANKET



**Features:**

- Heavyweight silica fabric
- For use in heavy duty welding
- Vermiculite coated for abrasion resistance and fibre encapsulation
- Weight: 1100gsm, Thickness: 1.3mm
- Continuous service temperature: 1000°C
- Available in roll form: 1m x 50m



| Part No. | Size        |
|----------|-------------|
| WB740165 | 1.8m x 0.9m |

### ANTI-GLARE WELDING BLANKET



**Features:**

- Medium weight E-glass fabric
- For use in general welding
- White anti-glare impregnated coating
- Fibre is fully encapsulated
- Weight: 815gsm, Thickness: 0.8mm
- Continuous service temperature: 550°C
- Available in roll form: 1m x 50m



| Part No. | Size        |
|----------|-------------|
| WB110160 | 2.0m x 1.0m |
| WB110161 | 2.0m x 2.0m |

### HEATSET WELDING BLANKET



**Features:**

- Heavyweight textured E-glass fabric
- For use in general welding
- Heat set finish to reduce airborne particles
- Continuous service temperature: 550°C
- Weight: 1100gsm, Thickness: 1.8mm
- Available in roll form: 1m x 50m

| Part No. | Size        |
|----------|-------------|
| WB110150 | 1.8m x 0.9m |
| WB110151 | 1.8m x 1.8m |



### WELDSTOP® WELDING BLANKET

- Heavyweight textured E-glass fabric
- For use in heavy duty welding
- Weldstop® coated for abrasion resistance, thermal resistance and fibre encapsulation
- Weight: 1100gsm, Thickness: 1.8mm
- Continuous service temperature: 550°C
- Short term temperature: 1500°C
- Available in roll form: 1m x 50m

| Part No. | Size        |
|----------|-------------|
| WB110163 | 1.8m x 0.9m |
| WB110164 | 1.8m x 1.8m |



### VERMICULITE WELDING BLANKET

- Heavyweight textured E-glass fabric
- For use in heavy duty welding
- Vermiculite coated for abrasion resistance, thermal resistance and fibre encapsulation
- Weight: 1100gsm, Thickness: 1.8mm
- Continuous service temperature: 550°C
- Short term temperature: 1000°C
- Available in roll form: 1m x 50m

| Part No. | Size        |
|----------|-------------|
| WB110155 | 1.8m x 0.9m |
| WB110156 | 1.8m x 1.8m |



# High Visibility Safety Apparel

## AUSTRALIAN STANDARDS FOR HIGH VISIBILITY SAFETY GARMENTS

The Australian Standard AS/NZS4602.1:2011 specifies the visual requirement for high visibility safety garments for occupational wear by people who may be exposed to hazard from moving traffic, moving plant or equipment in high risk situations.

### CLASSIFICATION OF GARMENTS

The garments specified in the Australian Standard AS/NZS4602.1:2011 are classified as follows:

**Class D** – a garment designed for daytime use only. Class D garments are intended to provide the wearer with high visibility under daylight viewing conditions and generally not effective when viewed under artificial light.

**Class N** – a garment designed for night-time use only.

**Class D/N** – a garment designed for both day and night use, comprising retroreflective elements on a fluorescent or other non-retroreflective high visibility background material.

#### Class D Garments

These garments are intended to provide the wearer with high visibility under daylight viewing conditions in outdoor situations.

- **Fluorescent materials:** shall be made from background material meeting the requirements of AS/NZS 1906.4:2010 for class F. Colours for normal purposes are specified as either red-orange or yellow
- **Non-fluorescent materials:** Where safety requirements in a particular industry require a garment to be made from a background material that is not capable of taking a fluorescent pigment e.g. certain natural fibres, a non-fluorescent colour Class NF as specified in AS/NZS 1906.4:2010 may be used in lieu.
- **Garment design:** A Class D garment shall comprise a garment or combination of garments of any desired type or style which, as a minimum, encircles the upper torso. There shall be a minimum visible area of background material determined to be not less than 0.2 m<sup>2</sup> on each of the front and the back of the garment meeting the requirements of either fluorescent or non-fluorescent materials.

#### Class N Garments

These garments are intended to provide the wearer with high visibility at night when viewed under retroreflected light, such as by drivers of vehicles using headlight illumination. The colour of background material is not specified.

- **Retroreflective materials:** Retroreflective material used on Class N garments shall meet the requirements specified in AS/NZS 1906.4 for Class R or class RF material. Material shall be applied to garments in strips not less than 50mm wide to at least the minimum pattern requirements as per style #1 (H pattern), style #2 (X pattern) and style #3 (hoop pattern). Retroreflective patches, words, symbols and the like shall be regarded as additional to, and not replacing, the specified patterns of retroreflective strips.
- **Garment Design:** A Class N garment shall comprise a garment or combination of garments of any desired type or style, which as a minimum, encircles the entire upper torso down to waist level. Strips of retroreflective material shall be applied as per style #1 (H pattern), style #2 (X pattern) and style #3 (hoop pattern).

#### Class D/N Garment

Garments in this category are intended to provide the wearer with high visibility under both daylight viewing and night time viewing under retroreflected light.

- **Garment Design:** As a minimum, a Class D/N garment shall consist of all the requirements of both a Class D and N garment.

## High Visibility Safety Apparel – Safety Vests

### HIGH VISIBILITY DAY ONLY SAFETY VEST

**Features:**

- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class   | Fabric                                   | Size     |
|----------|---------|--|----------|
| VI68012Y | D       | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VI68012O | Day Use |  |          |

### HIGH VISIBILITY DAY ONLY SAFETY VEST WITH TAIL

**Features:**

- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Extended tail flap for increased visibility
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class   | Fabric                                   | Size     |
|----------|---------|--|----------|
| VD68013Y | D       | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VD68013O | Day Use |  |          |

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 1 (H-PATTERN) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VI68181Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VI68181O | Day and Night Use |  |          |

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 2 (X-BACK) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VI68182Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VI68182O | Day and Night Use |  |          |

## High Visibility Safety Apparel – Safety Vests

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 3 (HOOP PATTERN) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VI68183Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VI68183O | Day and Night Use |  |          |

### FLAME RETARDANT / ANTI-STATIC (FRAS) HIGH VISIBILITY DAY ONLY SAFETY VEST

**Features:**

- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Flame retardant treated to AS2755.2-1985
- Carbon fibre inserted in knit design to ensure permanent anti-static performance
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class   | Fabric                                   | Size     |
|----------|---------|--|----------|
| VD68004Y | D       | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VD68004O | Day Use |  |          |

### FLAME RETARDANT / ANTI-STATIC (FRAS) HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 1 (H-PATTERN) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Flame retardant treated to AS2755.2-1985
- Carbon fibre inserted in knit design to ensure permanent anti-static performance
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68115Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN68115O | Day and Night Use |  |          |

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 1 (H-PATTERN) SAFETY VEST WITH TAIL

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Extended tail flap for increased visibility
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68111Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN68111O | Day and Night Use |  |          |

## High Visibility Safety Apparel – Safety Vests

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 2 (X-BACK) SAFETY VEST WITH TAIL

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Extended tail flap for increased visibility
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68106Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN68106O | Day and Night Use |  |          |

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 3 (HOOP PATTERN) SAFETY VEST WITH TAIL

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Extended tail flap for increased visibility
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68133Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN68133O | Day and Night Use |  |          |

### RAILWAY' SINGLET CLASS DAY/NIGHT STYLE #2 (X-BACK) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable flame retardant fabric
- Tear away touch tape fastening on sides and shoulders for quick release
- Large front pockets for storage
- Clear ID pocket on front R/H/S chest
- As currently worn on NSW railways
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric   | Size     |
|----------|-------------------|--|----------|
| VN80050I | D/N               | Fluorescent 100% flame retardant polyester tricot fabric | SM – 5XL |
|          | Day and Night Use |  |          |

### RAILWAY' SINGLET CLASS DAY/NIGHT STYLE # 2 (X-BACK) SAFETY VEST WITH MESH TOP PANEL

**Features:**

- 50mm silver reflective tape
- Cool, breathable flame retardant fabric
- Tear away touch tape fastening on sides and shoulders for quick release
- Large front pockets for storage
- Clear ID pocket on front R/H/S chest
- Mesh over shoulders of vest to help keep wearer cool
- As currently worn on NSW railways
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric   | Size     |
|----------|-------------------|--|----------|
| VN80050S | D/N               | Fluorescent 100% flame retardant polyester tricot fabric | SM – 5XL |
|          | Day and Night Use |  |          |

## High Visibility Safety Apparel – Safety Vests

### AUTHORISED TRAFFIC CONTROLLER SINGLET VEST STYLE #3 (HOOP PATTERN)

**Features:**

- 50mm silver reflective tape
- Authorised Traffic Controller in silver on front left hand chest and centred on rear of vest
- Cool, breathable and lightweight fabric
- Singlet style for maximum visibility
- Elastic waist band
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                    | Fabric                                   | Size    |
|----------|--------------------------|--|---------|
| VI68164Y | D/N<br>Day and Night Use | Fluorescent 100% polyester tricot fabric | M – 3XL |

### SPECIAL PURPOSE ORANGE DAY/NIGHT STYLE #3 (HOOP PATTERN) SAFETY VEST (RAIL VICTORIA)

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                    | Fabric                                   | Size     |
|----------|--------------------------|--|----------|
| VN681730 | D/N<br>Day and Night Use | Fluorescent 100% polyester tricot fabric | SM – 5XL |

### 'VIC ROADS' HIGH VISIBILITY CLASS DAY/NIGHT SAFETY VEST

**Features:**

- 50mm Reflexite® AU300 yellow reflective tape
- Style # 3 tape configuration
- Extended tail flap for greater visibility
- Cool, breathable and lightweight fabric
- Zip front fastening
- Manufactured to meet the requirements of AS/NZS 4602.1:2011
- Colour – Red



| Part No. | Class                    | Fabric                                   | Size    |
|----------|--------------------------|--|---------|
| VN68215  | D/N<br>Day and Night Use | Fluorescent 100% polyester tricot fabric | M – 6XL |





## High Visibility Safety Apparel – Safety Vests

### QLD TRAFFIC CONTROLLER PONCHO VEST WITH RED PRISMATIC TAPE

**Features:**

- 50mm Red prismatic reflective tape
- Cool, breathable and lightweight fabric
- Two x side tabards with touch tape fastening for easy adjustment
- Two patch pockets on front of vest
- Meets the requirements of Queensland Transport for traffic controllers
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                    | Fabric                                   | Size                     |
|----------|--------------------------|--|--------------------------|
| VN68024Y | D/N<br>Day and Night Use | Fluorescent 100% polyester tricot fabric | S/L, XL/2XL,<br>3XL/ 5XL |

### QLD TRAFFIC CONTROLLER PONCHO VEST WITH WHITE PRISMATIC TAPE

**Features:**

- 50mm white prismatic reflective tape
- Cool, breathable and lightweight fabric
- Two x side tabards with touch tape fastening for easy adjustment
- Two patch pockets on front of vest
- Meets the requirements of Queensland Transport for traffic controllers
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                    | Fabric                                   | Size                   |
|----------|--------------------------|--|------------------------|
| VN68041Y | D/N<br>Day and Night Use | Fluorescent 100% polyester tricot fabric | S/L XL/2XL<br>3XL/ 5XL |

### HIGH VISIBILITY CLASS DAY ONLY NON-FLUORESCENT SAFETY VEST – 100% COTTON

**Features:**

- Touch tape fastening for easy adjustment
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Colours available: Lime, Buttercup Yellow and Orange
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class        | Fabric                             | Size     |
|-----------|--------------|------------------------------------|----------|
| VD68005L  | D<br>Day Use | Non-fluorescent 100% cotton fabric | SM – 5XL |
| VD68005BY |              |                                    |          |
| VD68005O  |              |                                    |          |

### HIGH VISIBILITY NON-FLUORESCENT CLASS DAY/NIGHT STYLE #1 (H PATTERN) SAFETY VEST – 100% COTTON

**Features:**

- 50mm silver reflective tape
- Touch tape fastening for easy adjustment
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Colours available: Lime, Buttercup Yellow and Orange
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class                    | Fabric                             | Size     |
|-----------|--------------------------|------------------------------------|----------|
| VN68114L  | D/N<br>Day and Night Use | Non-fluorescent 100% cotton fabric | SM – 5XL |
| VN68114BY |                          |                                    |          |
| VN68114O  |                          |                                    |          |

## High Visibility Safety Apparel – Safety Vests

### HIGH VISIBILITY NON-FLUORESCENT CLASS DAY/NIGHT STYLE #2 (X-BACK) SAFETY VEST – 100% COTTON

**Features:**

- 50mm silver reflective tape
- Touch tape fastening for easy adjustment
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Colours available: Lime, Buttercup Yellow and Orange
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class                    | Fabric                                | Size     |
|-----------|--------------------------|---------------------------------------|----------|
| VN68184L  | D/N<br>Day and Night Use | Non-fluorescent<br>100% cotton fabric | SM – 5XL |
| VN68184BY |                          |                                       |          |
| VN68184O  |                          |                                       |          |

### HIGH VISIBILITY NON-FLUORESCENT CLASS DAY/NIGHT STYLE #3 (HOOP PATTERN) SAFETY VEST – 100% COTTON

**Features:**

- 50mm silver reflective tape
- Touch tape fastening for easy adjustment
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Colours available: Lime, Buttercup Yellow and Orange
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class                    | Fabric                                | Size     |
|-----------|--------------------------|---------------------------------------|----------|
| VN68113L  | D/N<br>Day and Night Use | Non-fluorescent<br>100% cotton fabric | SM – 5XL |
| VN68113BY |                          |                                       |          |
| VN68113O  |                          |                                       |          |

### HIGH VISIBILITY NON-FLUORESCENT CLASS DAY/NIGHT SAFETY VEST WITH TAIL – 100% COTTON

**Features:**

- 50mm silver reflective tape
- Touch tape fastening for easy adjustment
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Colours available: Lime, Buttercup Yellow and Orange
- Extended tail flap for increased visibility
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class                       | Style                 | Fabric                                   | Size     |
|-----------|-----------------------------|-----------------------|--|----------|
| VN68291L  | D/N<br>Day and Night Use    | Style #1<br>H Pattern | Non-fluorescent<br>100%<br>cotton fabric | SM – 5XL |
| VN68291BY |                             |                       |  |          |
| VN68291O  |                             |                       |  |          |
| VN68292L  |                             | Style #2<br>X-Back    |  |          |
| VN68292BY |                             |                       |  |          |
| VN68292O  |                             |                       |  |          |
| VN68293L  | Style #3<br>Hoop<br>Pattern |                       |  |          |
| VN68293BY |                             |                       |  |          |
| VN68293O  |                             |                       |  |          |



## High Visibility Safety Apparel – Safety Vests

### SINGLET STYLE CLASS DAY ONLY SAFETY VEST

**Features:**

- Cool, breathable and lightweight fabric
- Singlet style for maximum visibility
- Elastic waist band
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class   | Fabric                                   | Size     |
|----------|---------|--|----------|
| VD68002Y | D       | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VD68002O | Day Use |  |          |

### SINGLET STYLE CLASS DAY/NIGHT STYLE #1 (H PATTERN) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Singlet style for maximum visibility
- Elastic waist band
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68194Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN68194O | Day and Night Use |  |          |

### SINGLET STYLE CLASS DAY/NIGHT STYLE #2 (X-BACK) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Singlet style for maximum visibility
- Elastic waist band
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size    |
|----------|-------------------|--|---------|
| VN68188Y | D/N               | Fluorescent 100% polyester tricot fabric | M – 5XL |
| VN68188O | Day and Night Use |  |         |

### SINGLET STYLE CLASS DAY/NIGHT STYLE #3 (HOOP PATTERN) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Singlet style for maximum visibility
- Elastic waist band
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size    |
|----------|-------------------|--|---------|
| VN68193Y | D/N               | Fluorescent 100% polyester tricot fabric | M – 5XL |
| VN68193O | Day and Night Use |  |         |

## High Visibility Safety Apparel – Safety Vests

### LONG SLEEVE HIGH VISIBILITY CLASS DAY/NIGHT SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                       | Style                 | Fabric  | Size     |
|----------|-----------------------------|-----------------------|---|----------|
| VN68038Y | D/N<br>Day and Night<br>Use | Style #1<br>H Pattern | Fluorescent<br>100%<br>polyester tricot<br>fabric | SM – 5XL |
| VN68038O |                             | Style #2<br>X-Back    |   |          |
| VN68036Y |                             |                       |   |          |
| VN68036O |                             |                       |   |          |
| VN68035Y |                             |                       |   |          |
| VN68035O |                             |                       |   |          |

### LONG SLEEVE HIGH VISIBILITY DAY ONLY SAFETY VEST

**Features:**

- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class   | Fabric                                      | Size     |
|----------|---------|---|----------|
| VD68014Y | D       | Fluorescent 100%<br>polyester tricot fabric | SM – 5XL |
| VD68014O | Day Use |   |          |

### LONG SLEEVE HIGH VISIBILITY CLASS DAY ONLY NON-FLUORESCENT SAFETY VEST – 100% COTTON

**Features:**

- Touch tape fastening for easy adjustment
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Colours available: Lime, Buttercup Yellow and Orange
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class        | Fabric                                | Size     |
|-----------|--------------|---------------------------------------|----------|
| VD68017L  | D<br>Day Use | Non-fluorescent<br>100% cotton fabric | SM – 5XL |
| VD68017BY |              |                                       |          |
| VD68017O  |              |                                       |          |

## High Visibility Safety Apparel – Safety Vests

### LONG SLEEVE HIGH VISIBILITY NON-FLUORESCENT CLASS DAY/NIGHT SAFETY VEST – 100% COTTON



**Features:**

- 50mm silver reflective tape
- Touch tape fastening for easy adjustment
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Colours available: Lime, Buttercup Yellow and Orange
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class                       | Style                       | Fabric                                | Size     |
|-----------|-----------------------------|-----------------------------|---------------------------------------|----------|
| VN68040L  | D/N<br>Day and Night<br>Use | Style #1<br>H Pattern       | Non-fluorescent<br>100% cotton fabric | SM – 5XL |
| VN68040BY |                             |                             |                                       |          |
| VN68040O  |                             |                             |                                       |          |
| VN68050L  |                             | Style #2<br>X-Back          |                                       |          |
| VN68050BY |                             |                             |                                       |          |
| VN68050O  |                             |                             |                                       |          |
| VN68060L  |                             | Style #3<br>Hoop<br>Pattern |                                       |          |
| VN68060BY |                             |                             |                                       |          |
| VN68060O  |                             |                             |                                       |          |

### HIGH VISIBILITY DAY ONLY PONCHO VEST

**Features:**

- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class   | Fabric                                      | Size     |
|----------|---------|---|----------|
| VD68003Y | D       | Fluorescent 100%<br>polyester tricot fabric | SM – 5XL |
| VD68003O | Day Use |   |          |

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE #1 (H PATTERN) PONCHO VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                      | Size     |
|----------|-------------------|---|----------|
| VN68207Y | D/N               | Fluorescent 100%<br>polyester tricot fabric | SM – 5XL |
| VN68207O | Day and Night Use |   |          |

## High Visibility Safety Apparel – Safety Vests

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 2 (X-BACK) PONCHO VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68345Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN683450 | Day and Night Use |  |          |

### HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 3 (HOOP PATTERN) PONCHO VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Touch tape fastening for easy adjustment
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68249Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN682490 | Day and Night Use |  |          |

### 'CLOSE FITTING' HIGH VISIBILITY DAY ONLY SAFETY VEST

**Features:**

- Cool, breathable and lightweight fabric
- Elasticised side panels and waist band
- Zip front fastening
- Close fitting for improved safety
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class   | Fabric                                   | Size     |
|----------|---------|--|----------|
| VD68109Y | D       | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VD681090 | Day Use |  |          |

### 'CLOSE FITTING' HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 1 (H PATTERN) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Elasticised side panels and waist band
- Zip front fastening
- Close fitting for improved safety
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68107Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN681070 | Day and Night Use |  |          |

## High Visibility Safety Apparel – Safety Vests

### 'CLOSE FITTING' HIGH VISIBILITY CLASS DAY/NIGHT STYLE # 2 (X-BACK) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Elasticised side panels and waist band
- Zip front fastening
- Close fitting for improved safety
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68185Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN68185O | Day and Night Use |  |          |

### 'CLOSE FITTING' HIGH VISIBILITY CLASS DAY/NIGHT STYLE #3 (HOOP PATTERN) SAFETY VEST

**Features:**

- 50mm silver reflective tape
- Cool, breathable and lightweight fabric
- Elasticised side panels and waist band
- Zip front fastening
- Close fitting for improved safety
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class             | Fabric                                   | Size     |
|----------|-------------------|--|----------|
| VN68340Y | D/N               | Fluorescent 100% polyester tricot fabric | SM – 5XL |
| VN68340O | Day and Night Use |  |          |

### CHILDREN'S HIGH VISIBILITY SAFETY VEST

**Features:**

- Helps keep children visible on excursions and sports trips
- Complete with 1 x hoop of 25mm silver reflective tape
- School logos can be applied
- Other colours available



| Part No. | Class             | Fabric                                   | Size   |
|----------|-------------------|--|--------|
| VN6813Y  | D/N               | Fluorescent 100% polyester tricot fabric | 4 – 16 |
| VN6813O  | Day and Night Use |  |        |

# Custom Made Safety Vests

Guardian Safety can manufacture safety vests to any customer's requirement using any of the following options:

- Vests in various colours (vests that are not Orange or Yellow do not meet Australian Standards)
- Reflective lettering in a variety of colours
- Reflective company logo in a variety of colours
- Special purpose retroreflective tape e.g. fire trims, industrial wash, chequered tapes, coloured tapes etc
- Flame retardant and anti-static fabrics
- Special purpose colour fabrics
- Screen-printing and embroidery
- Zippered front vest
- Poncho style vest
- Emergency response vests

Some of the most common words requested to be applied to vest, shirts and jackets are:

| Common wording requested | Lines | Approximate text height for back of garment | Approximate text height for front of garment | Approximate back width for day garments | Approximate back width for day/night garments |
|--------------------------|-------|---|--|---|---|
| SECURITY                 | 1     | 50mm  | 30mm   | 22cm                                    | 22cm  |
| CHIEF WARDEN             | 2     | 50mm per line                               | 30mm per line                                | 22cm                                    | 22cm  |
| FIRE WARDEN              | 2     | 50mm per line                               | 30mm per line                                | 22cm                                    | 22cm  |
| FIRST AID                | 1     | 50mm  | 30mm per line                                | 22cm                                    | 22cm  |
| TRAFFIC CONTROL          | 2     | 50mm per line                               | 30mm per line                                | 22cm                                    | 22cm  |
| TRAFFIC CONTROLLER       | 2     | 50mm per line                               | 30mm per line                                | 22cm                                    | 22cm  |
| VISITOR                  | 1     | 50mm  | 30mm   | 22cm                                    | 22cm  |

\*\* Colours available are silver, white, black, green and red. \*\*\* Other colours are available on request and minimums may apply.



Below are some examples of custom made safety vests:







Below are some examples of custom made safety vests:



## High Visibility Safety Apparel – Coveralls and Polo Shirts & T- Shirts

### ROAD WORKERS OVERALLS

**Features:**

- 50mm Silver Retro Reflective tape
- High UV protection: UPF 50+
- Style #2 (X back) plus two hoops on legs and sleeves
- Two chest pockets, one with zip
- Hip and follow through side pockets
- Rear pocket and leg utility pocket
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class          | Fabric            | Weight | Size                      |
|----------|----------------|-------------------|--------|---------------------------|
| IC200761 | N<br>Night Use | 100% Cotton Drill | 310gsm | 87R – 112R,<br>92S – 132S |

### HIGH VISIBILITY MICROMESH POLO SHIRT - LONG SLEEVE

**Features:**

- Lightweight breathable fabric
- Two tone split front, plain back
- Front pocket with pen sleeve
- Contrast striped collar & cuff
- High UV protection: UPF 50+
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric                      | Weight | Size     |
|----------|--------------|-----------------------------|--------|----------|
| GS130010 | D<br>Day Use | 100% Micromesh (microfibre) | 160gsm | SM – 7XL |
| GS130020 |              |                             |        |          |
| GS130030 |              |                             |        |          |

### HIGH VISIBILITY MICROMESH POLO SHIRT - SHORT SLEEVE

**Features:**

- Lightweight breathable fabric
- Two tone split front, plain back
- Front pocket with pen sleeve
- Contrast striped collar
- High UV protection: UPF 50+
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric                      | Weight | Size     |
|----------|--------------|-----------------------------|--------|----------|
| GS130012 | D<br>Day Use | 100% Micromesh (microfibre) | 160gsm | SM – 7XL |
| GS130022 |              |                             |        |          |
| GS130032 |              |                             |        |          |

### HIGH VISIBILITY MICROMESH POLO SHIRT - 3/4 SLEEVE

**Features:**

- Lightweight breathable fabric
- Two tone split front, plain back
- Front pocket with pen sleeve
- Contrast striped collar
- High UV protection: UPF 50+
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric                      | Weight | Size     |
|----------|--------------|-----------------------------|--------|----------|
| GS130011 | D<br>Day Use | 100% Micromesh (microfibre) | 160gsm | SM – 7XL |
| GS130021 |              |                             |        |          |
| GS130031 |              |                             |        |          |

## High Visibility Safety Apparel – Polo Shirts, T- Shirts & Singlets

### HIGH VISIBILITY MICROMESH CLASS DAY/NIGHT POLO SHIRT – LONG SLEEVE

**Features:**

- Lightweight breathable fabric
- Two tone split front, plain back
- Front pocket with pen sleeve
- Contrast striped collar
- High UV protection: UPF 50+
- 50mm silver reflective tape
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Style                         | Class                       | Fabric                            | Weight | Size     |
|----------|-------------------------------|-----------------------------|-----------------------------------|--------|----------|
| GS131010 | Style #1<br>(H pattern)       | D/N<br>Day and<br>Night Use | 100%<br>Micromesh<br>(microfibre) | 160gsm | SM – 7XL |
| GS131020 |                               |                             |                                   |        |          |
| GS131030 |                               |                             |                                   |        |          |
| GS132010 | Style #2<br>(X-back)          |                             |                                   |        |          |
| GS132020 |                               |                             |                                   |        |          |
| GS132030 |                               |                             |                                   |        |          |
| GS133010 | Style #3<br>(Hoop<br>pattern) |                             |                                   |        |          |
| GS133020 |                               |                             |                                   |        |          |
| GS133030 |                               |                             |                                   |        |          |



### HIGH VISIBILITY MICROMESH CLASS DAY/NIGHT POLO SHIRT – SHORT SLEEVE

**Features:**

- Lightweight breathable fabric
- Two tone split front, plain back
- Front pocket with pen sleeve
- Contrast striped collar
- High UV protection: UPF 50+
- 50mm silver reflective tape
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Style                         | Class                       | Fabric                            | Weight | Size     |
|----------|-------------------------------|-----------------------------|-----------------------------------|--------|----------|
| GS131012 | Style #1<br>(H pattern)       | D/N<br>Day and<br>Night Use | 100%<br>Micromesh<br>(microfibre) | 160gsm | SM – 7XL |
| GS131022 |                               |                             |                                   |        |          |
| GS131032 |                               |                             |                                   |        |          |
| GS132012 | Style #2<br>(X-back)          |                             |                                   |        |          |
| GS132022 |                               |                             |                                   |        |          |
| GS132032 |                               |                             |                                   |        |          |
| GS133012 | Style #3<br>(Hoop<br>pattern) |                             |                                   |        |          |
| GS133022 |                               |                             |                                   |        |          |
| GS133032 |                               |                             |                                   |        |          |



## High Visibility Safety Apparel – Polo Shirts, T- Shirts & Singlets

### HIGH VISIBILITY COTTON BACKED MICROMESH POLO SHIRT – LONG SLEEVE

**Features:**

- Micromesh front face (48%), combed cotton back for improved comfort (52%)
- Lightweight breathable fabric
- Two tone split front and back
- Front pocket with pen sleeve
- Contrast striped collar
- High UV protection: UPF 50+
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric            | Weight | Size     |
|----------|--------------|-------------------|--------|----------|
| GS140010 | D<br>Day Use | 48%               | 185gsm | SM – 5XL |
| GS140020 |              | Micromesh &       |        |          |
| GS140030 |              | 52% Combed Cotton |        |          |

### HIGH VISIBILITY COTTON BACKED MICROMESH POLO SHIRT – SHORT SLEEVE

**Features:**

- Micromesh front face (48%), combed cotton back for improved comfort (52%)
- Lightweight breathable fabric
- Two tone split front and back
- Front pocket with pen sleeve
- Contrast striped collar
- High UV protection: UPF 50+
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric            | Weight | Size     |
|----------|--------------|-------------------|--------|----------|
| GS140012 | D<br>Day Use | 48%               | 185gsm | SM – 5XL |
| GS140022 |              | Micromesh &       |        |          |
| GS140032 |              | 52% Combed Cotton |        |          |

### ANTI-STATIC FLAME RETARDANT HIGH VISIBILITY MICROMESH POLO SHIRT

**Features:**

- Micromesh Impregnated with carbon anti-static fibre
- Lightweight breathable fabric
- Two tone split front, plain back
- Front pocket with pen sleeve
- Contrast collar
- High UV protection: UPF 50+
- Complies with measurement of flame spread properties AS 2755.2 - 1985
- Complies with British code of practice – static electricity BS5958.2 -1991
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Sleeve | Class        | Fabric                            | Weight | Size     |
|-----------|--------|--------------|-----------------------------------|--------|----------|
| IC200108Y | Long   | D<br>Day Use | 100%<br>Micromesh<br>(microfibre) | 160gsm | SM – 7XL |
| IC200108O |        |              |                                   |        |          |
| IC200109Y | Short  |              |                                   |        |          |
| IC200109O |        |              |                                   |        |          |

## High Visibility Safety Apparel – Polo Shirts, T- Shirts & Singlets

### HIGH VISIBILITY MICROMESH SINGLET

**Features:**

- Lightweight breathable fabric
- Two tone split front and back
- Contrast binding
- High UV protection: UPF 50+



| Part No. | Fabric                      | Weight | Size     |
|----------|-----------------------------|--------|----------|
| VD68179Y | 100% Micromesh (microfibre) | 160gsm | SM – 5XL |
| VD68179G |                             |        |          |
| VD68179O |                             |        |          |

### 100% COTTON JERSEY T-SHIRT

**Features:**

- Lightweight breathable fabric
- Crew neck
- Other colours available
- Manufactured to meet the requirements of AS/NZS 4602.1:2011: class NF non-fluorescent standard



| Part No. | Class     | Fabric             | Weight | Size     |
|----------|-----------|--------------------|--------|----------|
| IC200115 | D Day Use | 100% Cotton Jersey | 180gsm | SM – 5XL |
| IC200116 |           |                    |        |          |

### 100% COTTON JERSEY POLO SHIRT

**Features:**

- Lightweight breathable fabric
- Two tone split front, plain back
- Front pocket with pen sleeve
- Contrast collar
- Manufactured to meet the requirements of AS/NZS 4602.1:2011: class NF non-fluorescent standard



| Part No.   | Sleeve | Class     | Fabric             | Weight | Size     |
|------------|--------|-----------|--------------------|--------|----------|
| IC200111LS | Long   | D Day Use | 100% Cotton Jersey | 180gsm | SM – 5XL |
| IC200112LS |        |           |                    |        |          |
| IC200111SS | Short  |           |                    |        |          |
| IC200112SS |        |           |                    |        |          |

## High Visibility Safety Apparel – Winter Garments

### 100% COTTON JERSEY T-SHIRT DAY/NIGHT STYLE #1 (H PATTERN)

**Features:**

- Lightweight breathable fabric
- Crew neck
- 50mm silver reflective tape
- Manufactured to meet the requirements of AS/NZS 4602.1:2011: class NF non-fluorescent standard



| Part No.   | Class             | Fabric             | Weight | Size     |
|------------|-------------------|--------------------|--------|----------|
| IC200205BY | D/N               | 100% Cotton Jersey | 160gsm | SM – 5XL |
| IC200205O  | Day and Night Use |                    |        |          |

### 100% COTTON JERSEY T-SHIRT DAY/NIGHT STYLE #3 (HOOP PATTERN)

**Features:**

- Lightweight breathable fabric
- Crew neck
- 50mm silver reflective tape
- Manufactured to meet the requirements of AS/NZS 4602.1:2011: class NF non-fluorescent standard



| Part No.   | Class             | Fabric             | Weight | Size     |
|------------|-------------------|--------------------|--------|----------|
| IC200123YN | D/N               | 100% Cotton Jersey | 160gsm | SM – 5XL |
| IC200123ON | Day and Night Use |                    |        |          |

### ORANGE DAY/NIGHT STYLE #2 (X BACK) LONG SLEEVE RAILWAY SHIRT

**Features:**

- Two chest pockets with button down flaps, left pocket with pen petition
- STD #2 (X back) tape pattern with extra strip on tail of shirt and 1 hoop per sleeve
- Tape – 3M 8910 silver retroreflective tape
- Manufactured to meet the requirements of AS/NZS 4602.1:2011
- 2 buttons on cuffs
- Double stitching all seams
- Heavy duty buttons same colour as shirt material
- Vents under arms
- UPF 50+ (Manufactured to meet the requirements of AS/NZS 4399:1996)



| Part No. | Class                    | Fabric       | Weight | Size     |
|----------|--------------------------|--------------|--------|----------|
| IC200126 | D/N<br>Day and Night Use | Cotton Drill | 155gsm | SM – 5XL |

## High Visibility Safety Apparel – Winter Garments

### HI VIS TWO TONED SLOPPY JOE

**Features:**

- Two toned split front, plain back
- Front pocket with pen partition
- 100% polyester fleece
- Manufactured to meet the requirements of AS/NZS 4602.1:2011
- High UV protection of UPF 50+ (AS/NZS 4399:1996)



| Part No. | Class        | Fabric         | Size     |
|----------|--------------|----------------|----------|
| GS137010 | D<br>Day Use | 100% Polyester | SM – 5XL |
| GS137020 |              |                |          |
| GS137030 |              |                |          |

### HI VIS TWO TONED FLEECE SLOPPY JOE QUARTER ZIP

**Features:**

- Two toned split front, plain back
- Front pocket with pen partition
- 100% polyester fleece
- Manufactured to meet the requirements of AS/NZS 4602.1:2011
- High UV protection of UPF 50+ (AS/NZS 4399:1996)



| Part No. | Class        | Fabric         | Size     |
|----------|--------------|----------------|----------|
| GS134010 | D<br>Day Use | 100% Polyester | SM – 5XL |
| GS134020 |              |                |          |
| GS134030 |              |                |          |

### HI VIS V-NECK TWO TONED SLOPPY JOE

**Features:**

- Two toned split front, plain back
- Front pocket with pen partition
- 100% polyester fleece
- Manufactured to meet the requirements of AS/NZS 4602.1:2011
- High UV protection of UPF 50+ (AS/NZS 4399:1996)



| Part No. | Class        | Fabric         | Size     |
|----------|--------------|----------------|----------|
| GS136010 | D<br>Day Use | 100% Polyester | SM – 5XL |
| GS136020 |              |                |          |
| GS136030 |              |                |          |

### HI VIS TWO TONED POLAR FLEECE TOP WITH QUARTER ZIP

**Features:**

- 100% anti-pill polyester polar fleece
- Two toned split front, plain back
- Quarter zip front
- Manufactured to meet the requirements of AS/NZS 4602.1:2011
- High UV protection of UPF 50+ (AS/NZS 4399:1996)



| Part No. | Class        | Fabric         | Size     |
|----------|--------------|----------------|----------|
| GS138010 | D<br>Day Use | 100% Polyester | SM – 5XL |
| GS138020 |              |                |          |
| GS138030 |              |                |          |

## High Visibility Safety Apparel – Winter Garments

### COTTON DRILL <sup>3</sup>/<sub>4</sub> LENGTH JACKET DAY ONLY

**Features:**

- Two tone for improved visibility
- Zip front closure
- 2 x side entry pockets
- Flannelette lined
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011

### COTTON DRILL <sup>3</sup>/<sub>4</sub> LENGTH JACKET DAY NIGHT

**Features:**

- Two tone for improved visibility
- 50mm silver reflective tape (Style #3)
- Zip front closure
- 2 x side entry pockets
- Flannelette lined
- Cotton fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class           | Fabric            | Weight | Size     |
|----------|-----------------|-------------------|--------|----------|
| CP400392 | D               | 100% Cotton Drill | 180gsm | SM – 4XL |
| CP400393 | Day Use         |                   |        |          |
| CP400402 | D/N             | 100% Cotton Drill | 180gsm | SM – 4XL |
| CP400401 | Day & Night Use |                   |        |          |

### PROBAN® JACKET <sup>3</sup>/<sub>4</sub> LENGTH DAY ONLY

**Features:**

- Manufactured from Proban® cotton drill
- Self collar, open waist and cuffs
- Flannelette lined
- Proban® fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011

### PROBAN® JACKET <sup>3</sup>/<sub>4</sub> LENGTH DAY NIGHT

**Features:**

- Manufactured from Proban® cotton drill
- Self collar, open waist and cuffs
- 50mm silver flame retardant reflective tape (Style #3)
- Flannelette lined
- Proban® fabric complies to Class NF as specified in AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class           | Fabric                    | Weight | Size     |
|-----------|-----------------|---------------------------|--------|----------|
| PP641250N | D               | 100% Cotton Drill Proban® | 180gsm | SM – 5XL |
| PP641260N | Day Use         |                           |        |          |
| PP641260N | D/N             | 100% Cotton Drill Proban® | 180gsm | SM – 5XL |
| PP641260N | Day & Night Use |                           |        |          |



## High Visibility Safety Apparel – Winter Garments

### HI VIS TWO TONED ¾ LENGTH BLUEY JACKET

**Features:**

- Flannelette lined
- Self collar
- Open waist and cuffs
- Orange and yellow wool complies with requirements of AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class   | Fabric        | Weight     | Size     |
|-----------|---------|---------------|------------|----------|
| BI780910B | D       | 90% wool      | 21oz       | SM – 5XL |
| BI78091YN | Day Use | 10% polyester | Bluey Wool |          |

### HI VIS TWO TONED WAIST LENGTH BLUEY JACKET

**Features:**

- Flannelette lined
- Ribbed elastic waist, cuffs and collar
- Orange and yellow wool complies with requirements of AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class   | Fabric        | Weight     | Size     |
|-----------|---------|---------------|------------|----------|
| BI780310B | D       | 90% wool      | 21oz       | SM – 5XL |
| BI78031YN | Day Use | 10% polyester | Bluey Wool |          |

### HI VIS TWO TONED ¾ LENGTH BLUEY JACKET WITH TAPE

**Features:**

- Flannelette lined
- Self collar
- Open waist and cuffs
- Tape configuration Style #1 (H Pattern)
- Orange and yellow wool complies with requirements of AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class           | Fabric        | Weight     | Size     |
|-----------|-----------------|---------------|------------|----------|
| BI780080B | D/N             | 90% wool      | 21oz       | SM – 5XL |
| BI78008YN | Day & Night Use | 10% polyester | Bluey Wool |          |

### HI VIS TWO TONED WAIST LENGTH BLUEY JACKET WITH TAPE

**Features:**

- Flannelette lined
- Ribbed elastic waist, cuffs and collar
- Tape configuration Style #1 (H Pattern)
- Orange and yellow wool complies with requirements of AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class           | Fabric        | Weight     | Size     |
|-----------|-----------------|---------------|------------|----------|
| BI780300B | D/N             | 90% wool      | 21oz       | SM – 5XL |
| BI78030YN | Day & Night Use | 10% polyester | Bluey Wool |          |

## High Visibility Safety Apparel – Winter Garments

### HI VIS TWO TONED BLUEY VEST

**Features:**

- Flannelette lined
- Ribbed elastic waist and collar
- Orange and yellow wool complies with requirements of AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class        | Fabric                    | Weight             | Size     |
|-----------|--------------|---------------------------|--------------------|----------|
| BJ780150B | D<br>Day Use | 90% wool<br>10% polyester | 21oz<br>Bluey Wool | SM – 5XL |
| BJ78015YN |              |                           |                    |          |
| BJ780150N |              |                           |                    |          |

### HI VIS TWO TONED BLUEY VEST WITH TAPE

**Features:**

- Flannelette lined
- Ribbed elastic waist and collar
- Tape configuration Style #1 (H Pattern)
- Other tape patterns available
- Orange and yellow wool complies with requirements of AS/NZS 1906.4:2010
- Garments are manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No.  | Class                  | Fabric                    | Weight             | Size     |
|-----------|------------------------|---------------------------|--------------------|----------|
| BJ780140B | D/N<br>Day & Night Use | 90% wool<br>10% polyester | 21oz<br>Bluey Wool | SM – 5XL |
| BJ78014YN |                        |                           |                    |          |
| BJ780140N |                        |                           |                    |          |



# Custom Made Safety Apparel

**Guardian Safety can manufacture garments to suit your customers work environment.**

We have worked with our fabric suppliers to offer the best knowledge in the market place of what fabrics to use in all different types of work place applications.

From high temperature to high visibility we have you covered in the fabrics that are available in Australia today.

We have dedicated staff that are researching and developing fabrics with our suppliers, and products in house that we can offer you and the end user to help in their work environment.

Services available:

- Adding retro reflective tape to garments supplied
- Screenprinting
- Embroidery
- Heat applied lettering

**Below are some examples of custom made safety apparel:**



IC200814 -  
Ultra Soft®  
Royal Coverall



BJ78032 -  
Orange / Black 3/4 Bluey Std#1  
3M7187 Prismatic Tape Yellow



CP640021 -  
White Poly Cotton  
Dust Coat



BJ78025 -  
Full Orange Std#1  
3/4 Lined Bluey



BJ78013 - 3/4 Orange / Black  
Lined Bluey taped as per  
customer's specifications



NP740040 -  
Nomex Coverall Orange  
IIIA with 3M8910



BJ78023 -  
Royal Bluey with  
Fire Trim Tape



IC200822 -  
Indura S451 Coverall  
Yellow



PP64150 -  
Proban Coverall Orange  
with Tape



IC200201 -  
Food Industry Shirt  
Yellow / Navy



PP64111 -  
Two Tone Proban  
Welders Jacket



IC200202 -  
Orange / Navy Jerkin  
with Tape

## High Visibility Safety Apparel – Wet Weather Garments

### HI VIS REVERSIBLE VEST WITH TAPE

**Features:**

- 100% waterproof (seam sealed) reversible, Hi Vis oxford polyester and navy polar fleece
- Tape configuration Style #1 (H Pattern)
- Scallop tail
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                                       | Fabric              | Size     |
|----------|---|---------------------|----------|
| GS150010 | D/N - Day & Night Use<br>(Hi Vis Side Only) | Oxford Polyester PU | SM - 5XL |
| GS150030 |   |                     |          |

### HI VIS TWO TONED BREATHABLE JACKET WITH TAPE

**Features:**

- Two tone split front & back
- High neck collar with fold away hood with peak
- Heavy duty 2 way zip with storm flap
- Mobile phone or glasses pocket
- Fully mesh lined
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Tape configuration Style #1 (H Pattern)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                  | Fabric              | Size     |
|----------|------------------------|---------------------|----------|
| GS154010 | D/N<br>Day & Night Use | Oxford Polyester PU | SM - 5XL |
| GS154030 |                        |                     |          |

### HI VIS TWO TONE 3 IN 1 BREATHABLE JACKET WITH TAPE

**Features:**

- Two tone split front & back
- High neck collar with fold away hood with peak
- Heavy duty two way zip with storm flap
- Mobile phone or glasses pocket
- Mesh lined
- Half elasticised cuff with Velcro adjustment
- Removable reversible, Hi Vis oxford and navy polar fleece vest
- 100% waterproof (seam sealed)
- Tape configuration Style #1 (H Pattern)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                                       | Fabric              | Size     |
|----------|---|---------------------|----------|
| GS155010 | D/N - Day & Night Use<br>(Hi Vis Side Only) | Oxford Polyester PU | SM - 5XL |
| GS155020 |   |                     |          |
| GS155030 |   |                     |          |

### HI VIS TWO TONE FLYING JACKET

**Features:**

- Two tone split front & back
- Low pill polar fleece lined
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric              | Size     |
|----------|--------------|---------------------|----------|
| GS151010 | D<br>Day Use | Oxford Polyester PU | SM - 5XL |
| GS151020 |              |                     |          |
| GS151030 |              |                     |          |

## High Visibility Safety Apparel – Wet Weather Garments

### HI VIS TWO TONE BOMBER JACKET

**Features:**

- Two tone split front & back
- High neck collar with fold away hood with peak
- Heavy duty zip with storm flap
- Internal pocket
- Low pill polar fleece lined
- Elasticised waist
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric                 | Size     |
|----------|--------------|------------------------|----------|
| GS152010 | D<br>Day Use | Oxford<br>Polyester PU | SM – 5XL |
| GS152020 |              |                        |          |
| GS152030 |              |                        |          |

### HI VIS TWO TONE BOMBER JACKET WITH TAPE

**Features:**

- Two tone split front & back
- High neck collar with fold away hood with peak
- Heavy duty zip with storm flap
- Internal pocket
- Low pill polar fleece lined
- Elasticised waist
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Tape configuration Style #1 (H Pattern)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                  | Fabric                 | Size     |
|----------|------------------------|------------------------|----------|
| GS153010 | D/N<br>Day & Night Use | Oxford<br>Polyester PU | SM – 5XL |
| GS153020 |                        |                        |          |
| GS153030 |                        |                        |          |

### HI VIS TWO TONE OXFORD PU DAY USE PARKA

**Features:**

- Two tone split front & back
- High neck collar with fold away hood with peak
- Heavy duty 2 way zip with storm flap
- Internal pocket
- Mobile phone or glasses pocket
- Low pill polar fleece lined
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class        | Fabric                 | Size     |
|----------|--------------|------------------------|----------|
| GS156010 | D<br>Day Use | Oxford<br>Polyester PU | SM – 5XL |
| GS156020 |              |                        |          |
| GS156030 |              |                        |          |

### HI VIS TWO TONE OXFORD PU DAY/NIGHT PARKA WITH TAPE

**Features:**

- Two tone split front & back
- High neck collar with fold away hood with peak
- Heavy duty 2 way zip with storm flap
- Internal pocket
- Mobile phone or glasses pocket
- Low pill polar fleece lined
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Tape configuration Style #1 (H Pattern)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                  | Fabric                 | Size     |
|----------|------------------------|------------------------|----------|
| GS157010 | D/N<br>Day & Night Use | Oxford<br>Polyester PU | SM – 5XL |
| GS157020 |                        |                        |          |
| GS157030 |                        |                        |          |

## High Visibility Safety Apparel – Wet Weather Garments

### HI VIS OXFORD PU BREATHABLE JACKET WITH TAPE

**Features:**

- High neck collar with fold away hood with peak
- Heavy duty zip with storm flap
- Mobile phone or glasses pocket
- Fully meshed lined
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Tape configuration Style #1 (H Pattern)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class           | Fabric       | Size     |
|----------|-----------------|--------------|----------|
| WW800416 | D/N             | Oxford       | SM – 5XL |
| WW800417 | Day & Night Use | Polyester PU |          |

### HI VIS OXFORD PU BREATHABLE TROUSER WITH TAPE

**Features:**

- Elastic waist with drawstring
- Follow through side pockets
- 100% waterproof (seam sealed)
- 1 x hoop of retro reflective tape around each leg
- Zippered & gusset leg closure with Velcro adjustment



| Part No. | Class           | Fabric       | Size     |
|----------|-----------------|--------------|----------|
| WW800426 | D/N             | Oxford       | SM – 5XL |
| WW800425 | Day & Night Use | Polyester PU |          |

### HI VIS RAIN SUIT PLAIN FOR DAY USE

**Features:**

- Suit comes in convenient zip up bag
- Heavy duty zip with storm flap
- Drawstring waist adjustment
- Storm cuffs
- Vented back
- Trouser with elasticated waist
- Press stud ankle adjustment
- Follow through side pockets
- Jacket with high neck and enclosed hood



| Part No. | Fabric                    | Size     |
|----------|---------------------------|----------|
| WW170762 | Lightweight PVC Polyester | SM – 5XL |
| WW170779 |                           |          |

### HI VIS RAIN SUIT DAY/NIGHT

**Features:**

- Suit comes in convenient zip up bag
- Heavy duty zip with storm flap
- Drawstring waist adjustment
- Storm cuffs
- Vented back
- Trouser with elasticated waist
- Press stud ankle adjustment
- Follow through side pockets
- Jacket with high neck and enclosed hood
- Tape configuration Style #1 (H Pattern)



| Part No.   | Fabric                    | Size     |
|------------|---------------------------|----------|
| WW170762ZT | Lightweight PVC Polyester | SM – 5XL |
| WW170779ZT |                           |          |

## High Visibility Safety Apparel – Wet Weather Garments

### STYLE #2 (X-BACK) RAILWAY HI VIS OXFORD PU BREATHABLE JACKET WITH TAPE

**Features:**

- High neck collar with fold away hood with peak
- Heavy duty zip with storm flap
- Mobile phone or glasses pocket
- Fully meshed lined
- Half elasticised cuff with Velcro adjustment
- 100% waterproof (seam sealed)
- Tape configuration Style #2 (X - Back)
- Manufactured to meet the requirements of AS/NZS 4602.1:2011



| Part No. | Class                  | Fabric                 | Size     |
|----------|------------------------|------------------------|----------|
| WW800414 | D/N<br>Day & Night Use | Oxford<br>Polyester PU | SM – 5XL |



# Industrial Aprons

Guardian Safety stocks and manufactures aprons of different styles and fabrics to suit various industries that include food, manufacturing and chemical applications.

## MEDIUM DUTY SUPPORTED PVC APRON

### Features:

- Bib style apron
- Supported PVC coated nylon
- 0.4mm thick
- Brass eyelets
- Terylene adjustable neck and back ties



| Part No. | Size                                      |
|----------|---|
| PA630040 | 900mm x 1200mm<br>(Other sizes available) |
| PA630041 |   |

## HEAVY DUTY SUPPORTED PVC APRON

### Features:

- Bib style apron
- Supported PVC coated nylon
- 0.6mm thick
- Brass eyelets
- Terylene adjustable neck and back ties



| Part No.  | Size                                      |
|-----------|---|
| PA630044W | 900mm x 1200mm<br>(Other sizes available) |
| PA630044B |   |

## WHITE PVC MEAT WORKERS APRON

### Features:

- Unsupported PVC
- Blood, fat and oil resistant
- PVC eyelets to reduce contamination
- Terylene adjustable neck and back ties



| Part No. | Size                                      |
|----------|---|
| PA630059 | 900mm x 1200mm<br>(Other sizes available) |

## UNSUPPORTED FROSTY PVC APRON

### Features:

- Bib style apron
- Translucent PVC
- 0.2mm thick
- Brass eyelets
- Terylene adjustable neck and back ties



| Part No. | Size                                      |
|----------|---|
| PA630045 | 900mm x 1200mm<br>(Other sizes available) |

## NEOPRENE RUBBER COATED BIB APRON

### Features:

- Neoprene coated
- 0.4mm thick
- Brass eyelets
- Terylene adjustable neck and back ties



| Part No. | Size                                      |
|----------|---|
| PA630061 | 900mm x 1200mm<br>(Other sizes available) |
| PA630060 |   |

## NAVY COTTON BIB APRON

### Features:

- 180gsm cotton drill
- Bias binding
- Neck strap and back draw tie
- Available with pocket



| Part No.              | Size          |
|-----------------------|---------------|
| CP640010              | 600mm x 900mm |
| CP640010P With Pocket |               |

## POP OVER APRON WITH POCKETS

### Features:

- 180gsm cotton drill
- Bias binding
- Side draw tie



| Part No. | Size              |
|----------|-------------------|
| CP801450 | One size fits all |
| CP803001 |                   |



# General Safety and Miscellaneous Products

## HARD HAT BRIM CAP

**Features:**

- 100% cotton
- 8cm wide brim with neck flap
- Green antiglare underside
- Fits most hard hats



| Part No. | Size              |
|----------|-------------------|
| CP640018 | One size fits all |
| CP640019 |                   |
| CP640020 |                   |

## MICROMESH NECK FLAP

**Features:**

- 100% Micromesh (microfibre)
- 160gsm lightweight breathable fabric
- Touch tape fastening onto hard hat or helmet
- High UV protection: UPF 50+
- Other fabrics available: Proban®, cotton and Parrawool



| Part No.  | Size              |
|-----------|-------------------|
| CP640030Y | One size fits all |
| CP6400300 |                   |

## CALICO SPRAY HOOD

**Features:**

- 100% Cotton Calico Sprayhood
- Available in elastic and drawstring face
- Lightweight and comfortable



| Part No. | Style        |
|----------|--------------|
| CP640003 | Drawstring   |
| CP640001 | Elastic Face |

## BRUSH CUTTERS LEATHER LEGGINGS

**Features:**

- Premium quality chrome leather
- Heavy duty plastic inserts
- Leather strap and buckle fastening



| Part No. | Length |
|----------|--------|
| LS630025 | 40cm   |

## CHROME LEATHER BOWYANG / BOOTCOVER

**Features:**

- Premium quality chrome leather
- Elasticised top



| Part No. | Length |
|----------|--------|
| LS630077 | 25cm   |
| LS630078 | 42.5cm |

## CALICO BOWYANG / BOOTCOVER

**Features:**

- Lightweight cotton calico
- Elasticised top



| Part No. | Length |
|----------|--------|
| CP640004 | 25cm   |

## General Safety and Miscellaneous Products

### HIGH VISIBILITY BOWYANG / BOOTCOVER

**Features:**

- Fluorescent 100% polyester tricot fabric
- Elasticised top
- Complete with 1 hoop of reflective tape
- Other colours available



| Part No.   | Tape Colour | Length |
|------------|-------------|--------|
| VN68140    | Red         | 25cm   |
| VN68140SIL | Silver      |        |

### PVC BOWYANG / BOOTCOVER

**Features:**

- Medium duty PVC available in black or clear
- Elasticised top



| Part No.  | PVC Colour | Length |
|-----------|------------|--------|
| PA630074  | Black      | 250mm  |
| PA630073  |            | 425mm  |
| PA630074W | White      | 250mm  |
| PA630073W |            | 425mm  |

### PROBAN® BOWYANG / BOOTCOVER

**Features:**

- Proban® Flameshield cotton
- Elasticised top
- High visibility Proban available



| Part No. | Length |
|----------|--------|
| PP640105 | 25cm   |

### COTTON DRILL BOWYANG / BOOTCOVER

**Features:**

- Navy cotton drill Bowyang
- Elasticised top
- Also available in High visibility cotton drill



| Part No. | Length |
|----------|--------|
| CP640008 | 25cm   |

### DISPOSABLE LAMINATED TYVEK® OVERBOOT

**Features:**

- Made from poly laminated Tyvek®
- 100% particle tight
- Elasticised top
- Outstanding hazard protection



| Part No. | Size              |
|----------|-------------------|
| DC170702 | One size fits all |

### COTTON SLEEVES

**Features:**

- Lightweight cotton
- Elasticised both ends
- Other lengths available on request



| Part No.   | PVC Colour | Length |
|------------|------------|--------|
| CP640011   | White      | 35cm   |
| CP640011L  |            | 45cm   |
| CP640011N  | Navy       | 35cm   |
| CP640011NL |            | 45cm   |

## General Safety and Miscellaneous Products

### FROSTY PVC SLEEVES

**Features:**

- Waterproof translucent PVC
- Elasticised both ends
- Other lengths available on request



| Part No. | Length |
|----------|--------|
| PA630056 | 43cm   |

### ELECTRICIANS CANVAS BAG

**Features:**

- Heavy duty Ripstop canvas
- Heavy duty webbing straps
- Reinforced double stitched handles
- Chunky zippered closure
- Other shapes and sizes available



| Part No. | Fabric |
|----------|--------|
| CP630051 | Canvas |

### BLACK LEATHER BELT

**Features:**

- Premium grain leather
- 3.4mm thick
- Can be cut down to suit without fraying



| Part No. | Length |
|----------|--------|
| LP630129 | 120cm  |

### GOLD FLAG WITH RED 'DANGER'

**Features:**

- Red DANGER screenprint
- Nylon 3mm red blind cord for attachment
- Poly/cotton material 110gsm



| Part No. | Size                |
|----------|---------------------|
| CP640031 | 54cm (W) x 43cm (L) |

### RED PVC FLAG WITH WHITE 'DANGER' & ID POUCH

**Features:**

- 420gsm red reinforced PVC
- Available with Clear ID pocket
- Nylon 3mm blind cord for attachment
- Wording-Danger no unauthorised entry
- Water resistant



| Part No.             | Size                |
|----------------------|---------------------|
| CP640032             | 54cm (W) x 47cm (L) |
| CP640032ID ID Pocket |                     |

### GOLD FLAG WITH BLACK 'CAUTION'



**Features:**

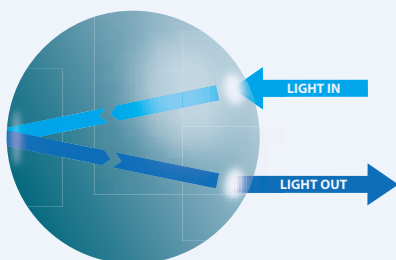
- Black caution screenprint
- Nylon 3mm blind cord for attachment
- Poly/cotton material 110gsm



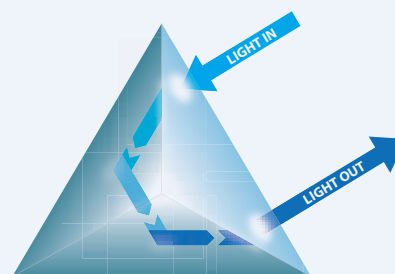
| Part No. | Size                |
|----------|---------------------|
| CP640033 | 54cm (W) x 43cm (L) |

## General Safety and Miscellaneous Products

| PRODUCT / GUARDIAN SAFETY PART NUMBER  | SIZE                       | DAYTIME COLOUR  | APPLICATIONS   | BACKING          |
|--|----------------------------|-----------------|--|------------------|
| <b>YSL  REFLECTIVE TAPES</b>                    |                            |                 |  |                  |
|  Vizlite 200<br>RR900275                        | 50mm wide x 100 metre roll | Silver          | General purpose for light garments such as cotton drill, polo shirts, jackets, rainwear etc.   | Polyester/cotton |
|  Vizlite 302FR (Flame Resistant)<br>RR900278    | 50mm wide x 100 metre roll | Silver          | Fire resistant for medium and heavy duty fabrics   | Aramid (Nomex™)  |
|  Vizlite 306<br>RR900206                        | 50mm wide x 120 metre roll | Yellow / Silver | Fire resistant for medium and heavy duty fabrics   | Aramid (Nomex™)  |
| <b>3M REFLECTIVE TAPES</b>   |                            |                 |  |                  |
|  3M 8910<br>RR900304                            | 50mm wide x 200 metre roll | Silver          | General purpose for light garments such as cotton drill, polo shirts, jackets, rainwear etc.   | Polyester/cotton |
|  3M 8935<br>RR900327                           | 50mm wide x 200 metre roll | Silver          | Fire resistant for medium and heavy duty fabrics   | 100% cotton (FR) |
|  3M 9910<br>RR900305                          | 50mm wide x 100 metre roll | Silver          | A tougher reflective tape for more abrasive environments - suitable for medium to heavy fabrics  | 100% polyester   |
|  3M 9920<br>RR900308                          | 50mm wide x 100 metre roll | Silver          | The toughest reflective tape on the market, for extremely rugged environments – heavy weight fabrics; industrially launderable.                                    | 100% polyester   |
| <b> Reflexite® PRISMATIC REFLECTIVE TAPES</b> |                            |                 |  |                  |
|  Reflexite AU300-20<br>RR900162               | 50mm wide x 50 metre roll  | Lime            | Reflexite AU300-20 Prismatic Reflective Garment Tape offers high performance reflectivity especially in wet weather conditions                                     | Vinyl            |
|  Reflexite AU300-15<br>RR900162W              | 50mm wide x 50 metre roll  | White           | Reflexite AU300-15 Prismatic Reflective Garment Tape offers high performance reflectivity especially in wet weather conditions.                                    | Vinyl            |
|  Reflexite AU350<br>RR900250                  | 50mm wide x 50 metre roll  | Arco Red        | Reflexite AU350 Prismatic Reflective Garment Tape offers high performance reflectivity especially in wet weather conditions. This tape reflects back a red colour. | Vinyl            |



Glass Bead Reflective Tape



Prismatic Reflective Tape

## Industry Standards, Test Methods and Size Charts

# Standards and Test Methods FOR FIRE RESISTANT 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 (ATPV) 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 |
| 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 4602.1:2011 | Australian Standard for Hi Visibility Industrial Clothing               |
| AS/NZS 1906        | Retroreflective materials and devices for road traffic control purposes |
| AS/NZS 1906.4:2010 | High visibility materials for safety garments                           |
| AS/NZS 1957        | Textiles care labelling   |

# 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 |      |      |
| JACKETS             |     |     |       |       |       |       |       |       |       |       |      |      |
| Size                |     |     | Small | Med   | Large | XL    | 2XL   | 3XL   | 4XL   | 5XL   |      |      |
|                     |     |     | 92cm  | 97cm  | 102cm | 107cm | 112cm | 117cm | 122cm | 127cm |      |      |
| VESTS               |     |     |       |       |       |       |       |       |       |       |      |      |
| Size                |     |     | Small | Med   | Large | XL    | 2XL   | 3XL   | 4XL   | 5XL   |      |      |
|                     |     |     | 90cm  | 95cm  | 100cm | 105cm | 110cm | 115cm | 120cm | 125cm |      |      |

# Suppliers

Over the years Guardian Safety has worked with our suppliers and developed close working relationships to help bring you our customer the best fabric and manufacturing knowledge in the Australian market place. We would like to thank the following suppliers for their valued and ongoing support over the years.



CHARLES PARSONS  
Est. 1915



a brand new band



**Windsor**

Trading Co ( Aust ) P/L  
" The Name Behind Quality "

SEWING THREAD  
SPECIALISTS GROUP