

A newly expanded range of hand protection products caters for all work and safety needs. Only the best materials and manufacturing methods are used in the production of this extensive and highly specialised range.



PREMIUM CUT PROTECTION



**CHAINMAIL PROTECTION** 



**IMPACT PROTECTION** 



**DURABLE GRIP GLOVES** 



GENERAL HANDLING PROTECTION



**VEND MACHINE READY** 



RETAIL PACKAGED



LIQUID BARRIER GLOVES



SPECIALIST HAND PROTECTION



**ARC FLASH PROTECTION** 



**LINER GLOVES** 



MULTI PURPOSE WORK GLOVES



**COLD PROTECTION** 



**HEAT PROTECTION** 



ELECTROSTATIC DISCHARGE PROTECTION



WELDING PROTECTION



CHEMICAL PROTECTION



SAFE FOOD HANDLING



**DISPOSABLE GLOVES** 

# HAND PROTECTION GUIDE FIND THE RIGHT GLOVE FOR THE JOB

Below is a guide to materials used and the performance factors associated. This will aid in decision making to secure the right hand protection for the job.

#### **GLOVE LINER TYPE**



#### **KNITTED SEAMLESS**

Highly breathable and close fitting for good dexterity. The seamless liner avoids irritation offering improved comfort.



#### **SEWN & IMPREGNATED**

Available with several types of construction and assembly, mainly cut and sewn. Coating is bound to the fabric for good resistance to abrasion. Sewing and impregnation process allows the manufacturing of thin gloves, for enhanced dexterity.



#### COATED/DIPPED

Made by dipping a knitted or woven cloth liner into the glove compound the liner supports the compound and adds strength. The compound used enhances the mechanical performance with different . compounds used for different conditions.

#### **GLOVE LINER MATERIAL**



High performance cut resistance, comfort and abrasion resistance



#### **LEATHER: SPLIT** GRAIN

Dry grip, abrasion resistance and durable.



#### NYLON Stretch and

elasticity



### PARA-ARAMID

Cut and heat resistance



#### COTTON

Comfort and breathability



#### UHWPE

Premium cut resistant, free from steel and glass fibres



#### **LEATHER: SMOOTH** GRAIN

Durable, supple and









#### DIPPING MATERIAL



#### NITRILE

Excellent resistance to snag, cut, puncture and abrasion. Dry



#### NEOPRENE and oil grip



**NITRILE SANDY** Wet and dry grip. High abrasion resistance.



## NITRILE MICRO

FOAM High dexterity with improved touch sensitivity



#### NITRILE FOAM



od abrasion resistance. Dry grip



LATEX Dry and wet grip



#### PVC Good abrasion resistance. Dry, wet and oily grip



**TPR** Impact Protection



Impact Protection



TPE High grip and abrasion resistance

## **CUFF STYLE**



#### **BEADED**

Optimise liquid protection with increased cuff strength



#### **STRAIGHT**

Additional length which protects forearm from liquid runoff



#### **PINKED**

Traditional style, improved edge grip for ease of donning and glove removal



#### **SUPPORTED** GLOVES

A liner is dipped into a compound material.



#### GAUNTLET

Additional length which protects forearm (10cm plus)



#### **KNITWRIST**

Securely fits gloves in place and prevent dirt entering the glove



## SAFETY CUFF

Provides additional wrist protection (7cm in length)



#### **SLIP ON** CUFF

Easy donning, economical design



#### **UNSUPPORTED GLOVES**

Moulds are dipped directly into a compound material, giving the wearer maximum dexterity. There are two options, unlined or flock-lined with cotton or rayon polyester for improved

# **CHOOSING THE RIGHT GLOVE SIZE**

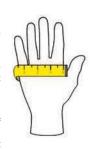
HEAVY

#### HOW TO MEASURE:

Place your right hand on the diagram with the line between your thumb and index finger. The line closest to the right side of your hand indicates the best fitting glove size.

#### OR

Measure the circumference of your hand at the palm using a tape measure. The size chart above, top right, explains which size glove will fit you best.



#### KNITTING GAUGE

This symbol denotes the knitting gauge of the glove liner

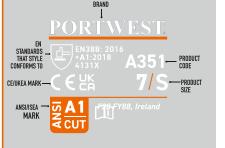








FINE



| GLOVE & HAND SIZE CHART AS PER STANDARD EN21240 |       |        |       |       |       |         |          |        |        |
|---|-------|--------|-------|-------|-------|---------|----------|--------|--------|
| Hand Size                                       | 5     | 6      | 7     | 8     | 9     | 10      | 11       | 12     | 13     |
| Palm Circumference (mm)                         | 127mm | 152mm  | 178mm | 203mm | 229mm | 254mm   | 279mm    | 304mm  | 329mm  |
| Hand Length (mm)                                | 148mm | 160mm  | 171mm | 182mm | 192mm | 204mm   | 215mm    | 227mm  | 237mm  |
| Minimal Glove Length (inches)                   | 8     | 8½     | 9     | 9½    | 9%-10 | 10-10½- | 10%-11   | 11½-12 | 12½    |
| Glove Size                                      | XXS/5 | XS / 6 | S / 7 | M / 8 | L/9   | XL / 10 | XXL / 11 | 3XL/12 | 4XL/13 |
| Portwest Cuff Colour Code                       |       |        |       |       |       |         |          |        |        |





#### EUROPEAN HAND PROTECTION STANDARDS

#### EN ISO 21420:2020 - Protective Gloves - General Requirements And Test Methods (Updated From En 420:2003+A1:2009)

Under EN ISO 21420 this standard defines the general requirements for glove design and construction, sizing, dexterity, water vapour transmission and absorption, electrostatic properties (in accordance with EN16350:2014) and innocuousness.

Innocuousness test now includes, pH (between 3.5 and 9.5), Chromium VI for leather products (less than 3mg/kg), nickel release for metallic components, azo colourants (less that 30mg/kg), dimethylformamide or DMFa in Polyurethane products (less than 1000mg/kg), Poly Aromatic Hydrocarbons or PAH (less than 1mg/kg). The innocuousness testing covers where applicable elements of regulations such as REACH (Regulation (EC) No 1907/2006) Annex

#### Protective Gloves Against Mechanical Risks - EN388:2016+A1:2018

**EN388** 

2016

1341EP

Over recent years, changes in the manufacturing process of protective gloves has meant that the well established method of hand protection testing (EN388:2003), and in particular the test to assess protection against cuts has now been deemed no longer fit for purpose. Whilst the old system in EN388:2003 and its 1-5 numbering system was easy to understand, the development

of newer cut resistant materials combined with a drive from industry to provide the highest level of cut protection possible meant that the method for testing hand protection needed to be revised.

EN388:2016 seeks to update the standard and by doing this, 2 tests have been revised (abrasion and cut) and 2 new tests have been included (straight blade cut resistance and impact resistance).

EN388:2003 Standards specifies physical and mechanical aggression caused by abrasion, blade cut, tearing and puncture. EN388:2016 updates the existing standard with this new test method for abrasion, blade cut & impact resistance. EN ISO 13997:1999 (TDM test) records cut results as a Newton value - the force of the blade on the glove material needed to cut through the material 20mm. The results are represented on a scale A-F.

#### **REQUIREMENTS** Performance level P Impact Resistance Impact-resistant properties to 5J. PERFORMANCE LEVELS A - F STRAIGHT BLADE CUT RESISTANCE: (TDM cut test) Measures the average load to achieve the moment of cut-though PERFORMANCE LEVELS 1-4 d: PUNCTURE RESISTANCE: Force required to pierce the sample with a standardised punch. PERFORMANCE LEVELS 1-4 c: TEAR RESISTANCE: Maximum force required to tear the sample. PERFORMANCE LEVELS 1-5 b: BLADE CUT RESISTANCE: (Coup cut test) Number of cycles required to cut the sample at constant speed.

| EN 388:2016                                   | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|---|---------|---------|---------|---------|---------|
| Abrasion resistance (number of cycles)        | 100     | 500     | 2,000   | 8,000   | =       |
| Blade cut resistance (index) Coup test method | 1.2     | 2.5     | 5       | 10      | 20      |
| Tear resistance (N)                           | 10      | 25      | 50      | 75      | -       |
| Puncture resistance (N)                       | 20      | 60      | 100     | 150     | -       |

Number of cycles required to damage the sample at constant speed.

| EN ISO 13997:1999 TDM         | Level A | Level B | Level C | Level D | Level E | Level F |
|-------------------------------|---------|---------|---------|---------|---------|---------|
| Cut resistant test levels (N) | 2       | 5       | 10      | 15      | 22      | 30      |



EN 1082 Parts 1 to 3: 1997 to 2000 Parts 1 to 3: Protective clothing.

PERFORMANCE LEVELS 1-4

a: ABRASION RESISTANCE:

Gloves and arm guards protecting against cuts and stabs by hand knives.

## **EN407**

1 3 1 2 1 2

#### Protective Gloves Against Thermal Risks (Heat and/or Fire) EN 407: 2004 (AS/NZS 2161.4)

This standard specifies thermal performance for protective gloves against heat and/or fire. The heat and flame pictogram is accompanied by a 6 digit number.

#### REQUIREMENTS

PERFORMANCE | EVFLS 1-4

f: RESISTANCE TO A LARGE MELTING METAL SPRAY: Amount of spray required to raise the glove to a certain temperature.

PERFORMANCE LEVELS 1-4

e: RESISTANCE TO SMALL MELTING METAL SPRAY:

Amount of spray required to raise the glove to a certain

PERFORMANCE LEVELS 1-4 d: RESISTANCE TO RADIATING HEAT:

Time required to raise a given temperature level.

PERFORMANCE LEVELS 1-4 c: RESISTANCE TO CONVECTIVE HEAT:

Time during which the glove is able to delay the transfer of heat of a flame.

PERFORMANCE LEVELS 1-4

b: RESISTANCE TO CONTACT HEAT FOR 15 SECONDS:

Temperature (within the range of 100C to 500C) at which the person wearing the gloves will not feel any pain (for a period of at least 15 seconds).

PERFORMANCE LEVELS 1-4

a: RESISTANCE TO FLAMMABILITY:

Time during which the material remains lit and continues to be consumed after the ignition source has been eliminated.

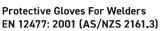
B: RESISTANCE TO CONTACT HEAT FOR 15 SECONDS:

| PERFORMANCE LEVEL CONTACT TEMPERATURE (°C) |       | THRESHOLD TIME<br>(Second) |
|--|-------|----------------------------|
| 1  | 100°C | ≥15s                       |
| 2  | 250°C | ≥15s                       |
| 3  | 350°C | ≥15s                       |
| 4  | 500°C | ≥15s                       |

#### EN 407:2020 - Glove Protective Against Thermal Risks

This standard was updated from the 2004 version in April 2020. Test 1 for resistance to flammability or burning behaviour has been amended to Limited Flame Spread, and covers the inclusion of oven gloves to be classed as PPE. If a glove is tested only for contact heat an alternative symbol is used to indicate protection against heat without flame. Gloves certified to the 2004 version of the standard do not need to change until the existing certificate expires.

#### EN12477





This European Standard specifies requirements and test methods for protective gloves for use in manual metal welding, cutting and allied processes. According to their performance, protective gloves for welders are classified into two types.

Type A: Lower dexterity (with higher other performance). Type B: Higher dexterity (with lower other performance).



#### EUROPEAN HAND PROTECTION STANDARDS

## EN374



#### Protective Gloves : Against Chemicals And Micro-Organisms EN ISO 374-1:2016 (AS/NZS 2161.10.1)

Terminology and performance requirements for chemical risks. New to the standard - There are now 3 standard classes related to the performance level and number of chemicals they protect against. There are 6 additional chemicals to test against. There is a requirement to test for degradation EN 374-4:2013. EN374-3:2003

is withdrawn and is replaced by EN 16523-1:2015. Gloves longer than 400mm will have to be additionally tested in the cuff area. The requirement for testing to EN388 has been removed. The "low chemical" or "Waterproof" beaker symbol has been

ISO 374-1:2016/Type C



X - Low Chemical

ISO 374-1:2016/Type B

XYZ



ISO 374-1:2016/Type A

| Code | Chemical              | Class                                 |
|------|-----------------------|---------------------------------------|
| Α    | Methanol              | Primary alcohol                       |
| В    | Acetone               | Ketone                                |
| С    | Acetonitrile          | Nitrile compound                      |
| D    | Dichloromethane       | Chlorinated paraffin                  |
| Е    | Carbon disulphide     | Sulphur containing organic compound   |
| F    | Toluene               | Aromatic hydrocarbon                  |
| G    | Diethylamine          | Amine                                 |
| Н    | Tetrahydrofurane      | Hetero-cyclic and ether compound      |
| 1    | Ethyl acetate         | Ester                                 |
| J    | n-Heptane             | Saturated hydrocarbon                 |
| K    | Sodium hydroxide 40%  | Inorganic base                        |
| L    | Sulphuric acid 96%    | Inorganic Mineral Acid                |
| М    | 65% Nitric Acid       | Inorganic mineral acid, oxidising     |
| N    | 99% Acetic Acid       | Organic acid                          |
| 0    | Ammonia hydroxide 25% | Organic acid                          |
| Р    | 30% Hydrogen peroxide | Peroxide                              |
| 5    | 40% Hydofluoric acid  | Inorganic inerla acid, contact poison |
| Т    | 37% Formaldehyde      | Aldehyde                              |

EN ISO 374-2:2014 Determination of resistance to penetration

There are no major changes from EN374-2:2003

ISO 374-5:2016



Marking of gloves protecting against, bacteria and fungi

ISO 374-5:2016



Additional marking for

EN ISO 374-4:2013 Determination of resistance to degradation by chemicals (DR)

New to the standard – tests puncture resistance before and after exposure to a challenge chemical. The average of the performance will be recorded in the usersheet as a percentage (%).

EN ISO 374-5:2016 Terminology and performance requirements for micro-organisms risks Microorganisms are classed as bacteria, viruses or fungi. Gloves protecting against viruses must also pass IS016604:2004.

EN 16523-1:2015 Determination of material resistance to permeation by chemicals. Permeation by liquid chemical under conditions of continuous contact. This test is similar to EN374-3 therefore gloves certified to EN374-3 do not need to be retested.



#### EN 16350:2014

#### **Protective Gloves: Electrostatic Properties**

This European standard specifies a test method for the electrostatic properties of gloves. The test improves on EN1149 as it requires a lower vertical resistance of less than 10 ohms. Gloves tested to EN16350:2014 can be used in areas where there may be an increased risk of explosion, such as in a refinery.

#### IEC 61340-5-1:2016

#### **Protection of Electronic Devices from Electrostatic**

#### Phenomena: General Requirements

This standard specifies a test method for PPE products used in high sensitive areas where an electrostatic charge can potentially cause damage to delicate components such as electrical circuit boards and microchips.

All gloves in the Portwest ESD Glove collection have been tested to both standards.

#### **EN ISO** 10819

#### Protective Gloves: Mechanical Vibration And Shock EN 10819: 1996 (AS/NZS 2161.3)



This European Standard specifies a method for the laboratory measurement, the data analysis and reporting of the vibration transmissibility of gloves in terms of vibration transmission from a handle to the palm of the hand in the frequency range from 31.5 Hz to 1250 Hz. The standard is intended to define a screening test for the vibration transmission through gloves.



#### EN 455:2000

Medical gloves for single use

Part 1: Requirements and testing for freedom from holes Part 2: Requirements and testing for physical properties

Part 3: Requirements and testing for biological evaluation

Part 4: Requirements and testing for shelf life determination



#### CF foodsafe

European legislation with respect to Food Contact Materials (Directive EC1935/2004) requires that food contact materials shall not transfer their ingredients to food and must not modify the organoleptic properties (ie. colour, smell, texture and taste) of the food. Products intended for food contact shall be labelled as such

#### **EN511**



#### **Protective Gloves Against Cold** EN 511:2006 (AS/NZS 2161.5)

The European Standard EN 511 specifies the requirements and test methods for gloves which protect against conductive cold down to -50 degrees Celsius. This cold can be linked to the climate conditions or an industrial activity.



#### REQUIREMENTS

PERFORMANCE | EVELS 0-1 c: WATER PENETRATION

PERFORMANCE LEVELS 1-4 b: RESISTANCE TO CONTACT COLD

PERFORMANCE | EVFLS 1-4 a: RESISTANCE TO CONVECTIVE COLD



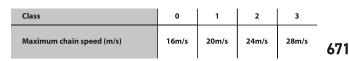
CLASS 1



#### Protective Gloves: For Users Of Hand Held Chainsaws

EN 381-7: 1999









# **Hand Protection Standards Explained**



#### **AS/NZS 2161 AUSTRALIA/STANDARDS NEW** ZEALAND Occupational protective

gloves:

This Standard sets out recommendations to achieve hand protection against hazards experienced in the workplace. It gives guidance on the following: selection, use, maintenance, the safe and hygienic practices to be followed in the decontamination/cleaning, storage and reissue of gloves to maintain the performance as appropriate.

| Australian Standards - Gloves | EN Standards Gloves |
|-------------------------------|---------------------|
| AS/NZS 2161.1                 | N/A                 |
| AS/NZS 2161.2                 | EN420               |
| AS/NZS 2161.3                 | EN388               |
| AS/NZS 2161.4                 | EN407               |
| AS/NZS 2161.5                 | EN511               |
| AS/NZS 2161.8                 | EN421               |
| AS/NZS 2161.9                 | EN ISO 10819        |
| AS/NZS 2161.10.1              | EN374-1             |
| AS/NZS 2161.10.2              | EN374-2             |
| AS/NZS 2161.10.3              | EN374-3             |





#### **ANSI/ISEA-138**

American National Standard for Performance and Classification for Impact-Resistant Gloves (ANSI/ISEA 138-2019)

This new standard provides an improved method of classifying impact protection to the back of the hand. The test is conducted by dropping a 5-joule mass on the impact points of the glove, recording the force transferred in kilonewtons (kN). This test is repeated eight times for the knuckles and ten times for the fingers. Gloves are classified based on test result average of the tests conducted. To classify as an ANSI/ISEA 138 level 1, 2, or 3, the average and all test results must be within the classification parameters.

| Classification for Impact Resistance |            |                 |  |
|--------------------------------------|------------|-----------------|--|
| Performance Levels                   | Mean (kN)  | All Impact (kN) |  |
| 1                                    | € 9        | < 11.3          |  |
| 2                                    | € 6.5      | ∢ 8.1           |  |
| 3                                    | <b>∢</b> 4 | ∢ 5             |  |

#### **ASTM F2675-13**

Test Method For Determining Arc Ratings of Hand Protective Products Developed and Used for Electrical Arc Flash Protection.

This test method is used to measure and describe the properties of hand protective products in response to convective and radiant energy generated by an electric arc under controlled laboratory conditions. There are 4 levels in the Hazard Risk Category rated by the ATPV (Arc Thermal Performance Value).

| Hazard Risk Category | Minimum ATPV cal/cm2 |
|----------------------|----------------------|
| 0                    | n/a                  |
| 1                    | 4                    |
| 2                    | 8                    |
| 3                    | 25                   |
| 4                    | 40                   |

#### **ANSI/ISEA 105**

#### American National Standard for Hand Protection

This standard addresses the classification and testing of hand protection for specific performance properties related to chemical and industrial applications. Hand protection includes gloves. mittens, partial gloves, or other items covering the hand or a portion of the hand that are intended to provide protection against or resistance to a specific hazard.

#### 5.1 Mechanical Protection 5.1.1 Cut Resistance

The new ASTM F2992-15 test replaces ASTM F1790-05 and ensures uniform testing plus increases the performance levels beyond the old level 5. The sample is cut 15 times by a straight edge blade, under load. A new blade is used for each cut. The data is then used to determine the required load to cut through the material and this in turns is equated to a cut level. The new levels are now prefixed with the letter A.

Table 1 Classification for Cut Resistance

| Level | Load (grams) |
|-------|--------------|
| -     | <200         |
| A1    | 201-499      |
| A2    | 500-999      |
| A3    | 1000-1499    |
| A4    | 1500-2199    |
| A5    | 2200-2999    |
| A6    | 3000-3999    |
| A7    | 4000-4999    |
| A8    | 5000-5999    |
| A9    | >6000        |

#### 5.1.2 Puncture Resistance

When tested in accordance with Clause 6.4 of EN 388:2003 Protective gloves against mechanical risks, the gloves resistance against puncture shall be classified against the levels listed in Table 2, using the puncture force.

The average of a minimum of 12 specimens shall be used to report the classification level.

Table 2. Classification for Puncture Resistance

| Level | Table 2. Classification for Puncture Resistance |
|-------|---|
|       | Level : Puncture (Newtons)                      |
| 0     | <10   |
| 1     | <b>&gt;</b> 10                                  |
| 2     | <b>≯ 20</b>                                     |
| 3     | <b>→</b> 60                                     |
| 4     | » 100   |
| 5     | » 150   |



#### 5.1.3 Abrasion Resistance

When tested in accordance with ASTM D3389-05, Standard Test Method for Coated Fabrics Abrasion Resistance or ASTM D3884-09, Standard Guide for Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method), the gloves abrasion resistance shall be classified against the levels listed in Table 3 using the number of abrasion cycles to failure (test endpoint). These test methods shall be followed using H-18 abrasion wheels with a 500 gram load for levels 0 to 3 and a 1000 gramme load for levels 4 to 6. Using ASTM D3389-05 for coated glove fabrics or unsupported gloves, the end point at which the glove material is determined to fail shall be at the number of abrasion cycles just before the film or coating has a hole abraded through it. Using ASTM D3884-05 for coated glove fabrics, the end point shall be when the first thread or yarn is broken. The average of a minimum of 5 specimens shall be used to report the classification level.

Table 3. Classification for Abrasion Resistance

| Level (tested at 500g load) : | Abrasion cycles to fail |
|-------------------------------|-------------------------|
| 0                             | <100                    |
| 1                             | » 100                   |
| 2                             | » 500                   |
| 3                             | » 1000                  |
| Level (tested at 1000g load)  |                         |
| 4                             | » 3000                  |
| 5                             | » 10,000                |
| 6                             | » 20,000                |

#### 5.2 Chemical Protection

#### 5.2.1 Chemical Permeation Resistance

When tested in accordance with ASTM F739-07, Standard Test Method for Permeation of Liquids and Gases through Protective Clothing Materials under Conditions of Continuous Contact the gloves chemical permeation shall be classified against the levels listed in Table 4 using the average standard breakthrough time (for each chemical tested). The average of a minimum of 3 specimens shall be used to report the classification level. In reporting permeation data for each chemical the permeation rate shall be reported in µg/cm2 min. It shall be permitted to report the cumulative permeation in g/cm2 that occurs within 1 hour of the test for each chemical.

Table 4. Classification for Chemical Permeation

| Level | Standard breakthrough time (minutes) |
|-------|--------------------------------------|
| 0     | <10                                  |
| 1     | » 10                                 |
| 2     | <b>≯ 30</b>                          |
| 3     | <b>≯60</b>                           |
| 4     | <b>≯ 120</b>                         |
| 5     | » 240                                |
| 6     | » <b>4</b> 80                        |



# 5.4 Heat and Flame Protection5.4.1 Ignition Resistance and Burning Behaviour (or AfterFlame Time)

When tested in accordance with ASTM F1358-08, Test Method for Effects of Flame Impingement on Materials Used in Protective Clothing Not Designated Primarily for Flame Protection, the glove materials ignition resistance and burning behaviour shall be classified against the levels listed in Table 6, using ignition time and burn time. In order to be classified at a specific level, the glove material shall meet each of the criteria at that specific level. The average of a minimum of 3 specimens shall be used to report the classification level.

Table 6. Classification for Ignition Resistance and Burning Resistance

| Level | Time Exposed to Flame (s)                            | After-Flame time (s) |  |  |
|-------|--|----------------------|--|--|
| 0     | 3  | > 2                  |  |  |
| 1     | 3  | € 2                  |  |  |
| 2     | 12   | >2                   |  |  |
| 3     | 12   | € 2                  |  |  |
| 4     | no ignition in either 3 or 12 second exposure period |                      |  |  |

#### 5.4.3 Conductive Heat Resistance

When tested in accordance with ASTMF1060-08 Test Method for Thermal Protective Performance of Materials for Protective Clothing for Hot Surface Contact, the gloves conductive heat resistance shall be classified against the levels listed in Table 8, Classification of glove performance shall be based on the contact (surface) temperature at which both the time-to-second degree burn is equal to or greater than 15 seconds, and the alarm time is greater than 4 seconds.

The average of a minimum of 5 specimens shall be used to report the classification level.

Table 8. Classification for Conductive Heat Resistance

| Level | Highest contact temperature(°C) at which both time-to-2nd degr<br>burn > 15 seconds and alarm time> 4 seconds |  |  |  |  |  |
|-------|---|--|--|--|--|--|
| 0     | < 80  |  |  |  |  |  |
| 1     | 80  |  |  |  |  |  |
| 2     | 140   |  |  |  |  |  |
| 3     | 200   |  |  |  |  |  |
| 4     | 260   |  |  |  |  |  |
| 5     | 320   |  |  |  |  |  |

#### 5.6 Dexterity

When tested in accordance with EN420.2003, Protective gloves- General requirements and test methods, clause 6.2, the dexterity shall be classified against the levels in Table 9, using smallest diameter of the pin that can be picked up. The average of 4 pairs of gloves shall be used to report the classification level.

Table 9. Classification of Dexterity

| Level | Smallest diameter of pin fulfilling test conditions (mm) |
|-------|--|
| 1     | 11   |
| 2     | 9.5  |
| 3     | 8  |
| 4     | 6.5  |
| 5     | 5  |



# THE ULTIMATE CHOICE FOR EXTREME DEXTERITY

Portwest offers a collection of lightweight styles that offer the wearer ultimate dexterity, flexibility and comfort when needed most.

# 18 GAUGE FOR EXCEPTIONAL DEXTERITY







CT45 697 28 grams 1.2mm



AP70 7287
16 grams 0.8mm
SILICONE FREE

76000SAFE GRIP



A360 7287
9.5 grams 0.44mm
ULTRA LIGHTWEIGHT



AP32 7047
24.5 grams 0.8mm
NITRILE FOAM

ZUT B GRIP



# **FOR SAFE PREPARATION** AND HANDLING OF **FOOD**



#### **CE Foodsafe**

European legislation with respect to Food Contact Materials (Directive EC1935/2004) requires that food contact materials shall not transfer their ingredients to food and must not modify the organoleptic properties (ie. colour, smell, texture and taste) of the food. Products intended for food contact shall be labelled as such.















































































## HAND PROTECTION

## THE COMPLETE HAND PROTECTION RANGE





# FOR SAFE HANDLING OF SHARP OBJECTS



Hand injury is one of the most frequent types of accident reported in the working environment, with cuts and lacerations the biggest concern in this area. Portwest's range of cut resistant gloves gives varying degrees of protection depending on what level is required.

#### **CUT PROTECTION SUITABLE FOR ALMOST EVERY TASK**

Portwest has over 50 styles of cut resistant gloves and sleeves to suit almost every task. Portwest continually work on bringing new and improved cut resistant styles to the market. Use the Portwest Cut Protection Selection Guide to help in selecting the best protection for your application.

5 CUT RESISTANT PROTECTION STYLES

- ✓ Protects hands against the risk of cut
- ✓ Multiple material gauges that offer high levels of dexterity
- Available in a range of coatings for grip in dry, wet and oily conditions



# **CUT PROTECTION SELECTION GUIDE**

## **Selecting the Correct Cut Protection**

In order to assist in selecting the best cut gloves to your application, Portwest suggest using this 3 step process:

#### Step 1. Identify the Hazard & Decide on Risk of Injury

| HAZARD IDENTIFICATION   | FACTOR |  |
|-------------------------|--------|--|
| No Hazard               | 1      |  |
| Fully Controlled Hazard | 2      |  |
| Controlled Hazard       | 3      |  |
| Limited Control         | 4      |  |
| No Control              | 5      |  |

| RISK OF INJURY    | FACTOR |
|-------------------|--------|
| No Perceived Risk | 1      |
| Very Low Risk     | 2      |
| Low Risk          | 3      |
| Medium Risk       | 4      |
| High Risk         | 5      |
| Very High Risk    | 6      |

#### Step 2. Calculate the Required Protection Levels

Multiplying the Risk by the Hazard will provide a performance level (value) from which to base the required cut resistance. The value used for the new test method is Newton's, following this method will give an appropriate Newton value.

Using the two tables above, calculate the required minimum cut performance. e.g. High Risk (5) x Limited Control (4) = 20

The Performance Levels Explained table explains the performance levels (values).

#### **Performance Levels Explained**

| RISK   | <b>CUT PERF</b> | ORMANCE | (NEWTONS | ) = (RISK X | HAZARD) |
|--------|-----------------|---------|----------|-------------|---------|
| 6      | 6               | 12      | 18       | 24          | 30      |
| 5      | 5               | 10      | 15       | 20          | 25      |
| 4      | 4               | 5       | 12       | 16          | 20      |
| 3      | 3               | 6       | 9        | 12          | 15      |
| 2      | 2               | 4       | 6        | 8           | 10      |
| 1      | 1               | 2       | 3        | 4           | 5       |
| Hazard | 1               | 2       | 3        | 4           | 5       |

#### Step 3. Find the Suitable Level of Cut Protection

Apply the performance level to the EN388:2016 levels below to find a suitable level of cut protection.

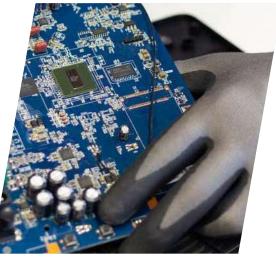
| LEVELS OF PERFORMANCE TO EN388:2016 |   |   |    |    |    |    |  |
|-------------------------------------|---|---|----|----|----|----|--|
| CUT LEVEL                           | Α | В | С  | D  | E  | F  |  |
| CUT LEVEL<br>(Newtons)              | 2 | 5 | 10 | 15 | 22 | 30 |  |

Gloves are tested to a minimum performance level so if you are unsure of the required level of cut protection choose the next level up. For example, if your assessment suggests 12 Newtons then perhaps choose a level D glove.









# NO STEEL AND GLASS FIBRES

# AN UNRIVALLED COLLECTION OF UNIQUELY COMFORTABLE ULTRA-LIGHT AND BREATHABLE CUT PROTECTION.

The CT Series collection of cut resistant gloves is unlike any other offering on the market. Using innovative fabrics and production techniques, these gloves are uniquely comfortable, ultra-light, breathable and flexible.



DyUltra is a new cut resistant material developed to provide the highest level of abrasion resistance in the market, higher than Para-Aramids.

This low weight fabric offers superior comfort whilst capable of providing cut protection beyond EN388:2016 Level F. It comprises high grade ultra-high molecular weight polyethylene (UHMWPE) materials which are 15 times stronger than steel. Flexible and comfortable to wear, it does not absorb moisture or lose its shape or performance even after 10 washes.



#### **NO STEEL AND GLASS FIBRE**

The CT Series collection is free from glass and steel fibres, ensuring they can be worn over long periods without skin irritation, these gloves are OEKO-TEX® certified for maximum skin-friendliness.



#### **RETAINS CUT RESISTANCE UP TO 10 WASHES**

Our innovative fabric construction ensures cut resistance levels are retained for up to 10 washes, as independently tested.



#### **FULL RANGE OF CUT AND DEXTERITY LEVELS**

This premium offering is certified to EN388:2016 and available in cut levels from level C to level F, and a range of gauges 7,13,15 and 18. Under the American ANSI standard, cut levels range from A3 to A8.

681









#### **CT AHR13 NITRILE FOAM CUT GLOVE**



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A6



- · Level F cut resistance
- 13 gauge liner for a perfect fit
- Free from glass and steel fibres
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Retains cut performance level for up to 10 washes
- Breathable seamless liner

UHWPE, Nitrile Foam Grey/Black XS/6-XXL/11

#### **TOP SELLER**



ANSI/ ISEA 105: 2016











#### **CT69**



#### **CT AHR7 NITRILE FOAM CUT GLOVE**



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A8



- Level F cut resistance
- Robust 7 gauge liner
- Free from glass and steel fibres
- Retains cut performance level for up to 10 washes
- Nitrile foam coating for excellent grip in wet and dry conditions
- Breathable seamless liner

UHWPE, Nitrile Foam
Grey/Black XS/6-XXL/11

#### **EXCEPTIONAL CUT PERFORMANCE**























#### **CT AHR7 CUT SLEEVE**



EN ISO 21420 EN388:2016 +A1:2018 - 3X4XF ANSI/ISEA 105: 2016 CUT LEVEL A8



- Level F cut resistance
- · Robust 7 gauge liner
- 14 inch (35cm) cut resistant protective tubular sleeve



- · Free from glass and steel fibres
- Retains cut performance level for up to 10 washes
- Sold in singles

UHWPE
Grey One Size



ANSI/ ISEA 105: 2016



## **OFFERS THE HIGHEST LEVEL OF CUT PROTECTION**















#### **CT VHR15 NITRILE FOAM CUT GLOVE**



**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X43E ANSI/ISEA 105: 2016 CUT LEVEL A5



- · Level E cut resistance
- 15 gauge liner for extra dexterity
- Free from glass and steel fibres
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Retains cut performance level for up to 10 washes
- Breathable seamless liner

UHWPE, Nitrile Foam Grey/Black XS/6-XXL/11

#### **ENHANCED GRIP WITH EXCELLENT DEXTERITY**



ANSI/ ISEA 105: 2016











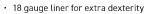
#### **CT45**







- Level D cut resistance



- Free from glass and steel fibres
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Retains cut performance level for up to 10 washes
- Breathable seamless liner

UHWPE, Nitrile Foam
Grey/Black XS/6-XXL/11

#### 18 GAUGE FOR **EXCEPTIONAL DEXTERITY**



ISEA 105: 2016







684















#### CT MR18 MICRO FOAM NITRILE **CUT GLOVE**



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X31C ANSI/ISEA 105: 2016 CUT LEVEL A3



- · Level C cut resistance
- 18 gauge liner for extra dexterity
- Free from glass and steel fibres



- Retains cut performance level for up to 10 washes
- Reinforced thumb crotch for extra protection and durability
- Designed specifically for touchscreen devices

UHWPE, Nitrile Micro Foam Grey/Black XS/6-XXL/11

#### THIN PALM FOR **HIGH DEXTERITY**

















# HIGH LEVEL CUT RESISTANCE

Introducing the CS Series cut resistant hand protection collection. Packed with features such as touchscreen compatibility, reinforced thumb crotch and reflective labels for improved visibility in low light conditions.

The CS Series collection is designed to provide the highest level of cut resistance whilst allowing the wearer to carry out tasks, safely and securely. This collection of eight gloves suit almost every working environment. Including, an 18 gauge option for the highest dexterity, latex coated option for optimal grip, a leather palm option for supreme heat protection. CS Series ensures maximum safety, when needed most.

HIGHEST LEVEL CUT RESISTANCE STYLES

- ★ Reinforced thumb crotch for extra protection and durability
- **✓** High level cut resistance
- **✓** Touchscreen Compatible









EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 4X44F **ANSI/ISEA 105: 2016 CUT LEVEL A6** 

**CS AHR13 NITRILE CUT GLOVE** 



- · Level F cut resistance
- 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Reinforced thumb crotch for extra protection and durability
- This glove can be used with most mobile touchscreen devices
- · Reflective Label for improved visibility

HPPE, Nylon, Glass Fibre, Polyester, Elastane, Steel Fibre, Nitrile Foam

Black XS/6-XXL/11



ANSI/ ISEA 105: 2016











#### A673

**GLOVE** 

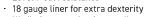


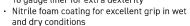
**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 4X42F ANSI/ISEA 105: 2016 CUT LEVEL A6











**CS AHR18 NITRILE FOAM CUT** 

- Reinforced thumb crotch for extra protection and durability
- This glove can be used with most mobile touchscreen devices
- · Reflective Label for improved visibility

HPPE, Nylon, Steel Fibre, Elastane, Nitrile Foam

Black XS/6-XXL/11



ANSI/ ISEA 105: 2016













PORTWEST







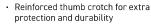


**CS AHR13 PU CUT GLOVE** 

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A6



- · Level F cut resistance
- Seamless 13 gauge liner
- Smooth PU coating for increased abrasion resistance



- protection and durabilityThis glove can be used with most mobile touchscreen devices
- Reflective Label for improved visibility

HPPE, Nylon, Glass Fibre, Polyester, Elastane, Steel Fibre, Polyurethane
Black XS/6-XXL/11



















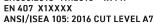




#### **CS AHR13 LEATHER CUT GLOVE**



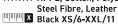
EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 4X44F





- · Level F cut resistance
- 13 gauge liner for a perfect fit
- Protection against contact heat up to 100°C
- · Additional reinforced protection on palm and forefinger areas
- Designed for tasks that require reinforced abrasion resistance
- · Reflective Label for improved visibility

HPPE, Cotton, Polyester, Elastane,







ANSI/ ISEA 105: 2016











#### A671

#### **CS AHR13 LATEX CUT GLOVE**



**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 3X44F ANSI/ISEA 105: 2016 CUT LEVEL A7



- · Level F cut resistance
- · 13 gauge liner for a perfect fit
- · Protects from glass, blades and abrasions
- · Crinkle latex grip offers excellent grip Superior strength and comfort
- · Reflective Label for improved visibility

HPPE, Nylon, Glass Fibre, Polyester, Elastane, Steel Fibre, Latex
Black XS/6-XXL/11





ISEA 105: 2016



















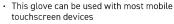




**CS VHR18 PU CUT GLOVE** EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 3X42E ANSI/ISEA 105: 2016 CUT LEVEL A5



- · Level E cut resistance
- 18 gauge liner for extra dexterity
- · Smooth PU coating for increased abrasion resistance



- · Reinforced thumb crotch for extra protection and durability
- Reflective Label for improved visibility

HPPE, Nylon, Steel Fibre, Elastane, PU, Nitrile

Black XS/6-XXL/11



ANSI/ ISEA 105: 2016















#### A661

CS SERIES



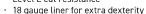


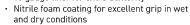
EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 4X42E ANSI/ISEA 105: 2016 CUT LEVEL A5

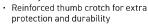












- This glove can be used with most mobile touchscreen devices
- · Reflective Label for improved visibility

HPPE, Nylon, Steel, Elastane, Nitrile

Foam
Black XS/6-XXL/11



ANSI/ 105: 2016



















#### CS VHR15 NITRILE FOAM CUT **GLOVE**



**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 4X44E ANSI/ISEA 105: 2016 CUT LEVEL A5



- · Level E cut resistance
- 15 gauge liner for extra dexterity
- Nitrile foam coating for excellent grip in wet and dry conditions
- Reinforced thumb crotch for extra protection and durability
- This glove can be used with most mobile touchscreen devices
- Excellent durability and grip in wet and dry

HPPE, Nylon, Polyester, Elastane, Steel Fibre, Nitrile Foam
Green/Black XS/6-XXL/11





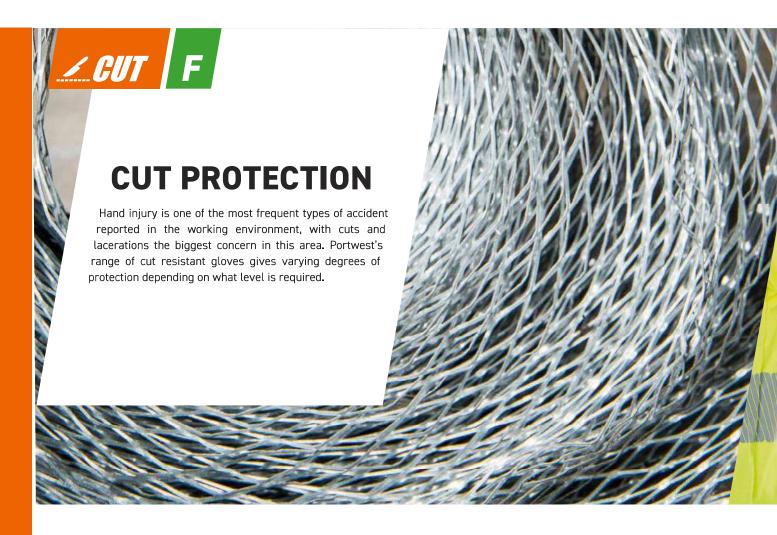
















#### CT AHR7 NITRILE FOAM CUT **GLOVE**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A8





- Robust 7 gauge liner
- · Free from glass and steel fibres
- Retains cut performance level for up to 10 washes
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Breathable seamless liner





ISEA 105: 2016















#### **AHR 10 FOOD GLOVE LINER**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 3X4XF EN 407 X1XXXX **ANSI/ISEA 105: 2016 CUT LEVEL A6** 



· Level F cut resistance



 Tough 10 gauge liner - Approved for safe food handling



Machine washable up to 92°C



- Ambidextrous suiting left and right handed

- Sold in singles

HPPE, Steel Fibre, Polyester, Nylon Grey S/7-XXL/11

## **SOLD IN SINGLES**





















#### **CT AHR13 NITRILE FOAM CUT GLOVE**



**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A6



- · Level F cut resistance
- 13 gauge liner for a perfect fit
- Free from glass and steel fibres
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Retains cut performance level for up to 10 washes
- Breathable seamless liner

UHWPE, Nitrile Foam Grey/Black XS/6-XXL/11





ANSI/ ISEA 105: 2016









#### A667



#### **CLAYMORE AHR CUT GLOVE** EN ISO 21420 DEXTERITY 5

EN388:2016 +A1:2018 - 4X43F ANSI/ISEA 105: 2016 CUT LEVEL A7



- Level F cut resistance
- · Seamless 13 gauge liner
- Maximum cut resistance according to EN388:2016
- · Excellent durability and grip in wet and dry conditions
- Breathable seamless liner
- Designed to be worn in a tough work environment

HPPE, Steel Fibre, Glass Fibre, Nitrile Sandy
Blue/Black M/8-XXL/11























#### **CT VHR15 NITRILE FOAM CUT GLOVE**

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X43E ANSI/ISEA 105: 2016 CUT LEVEL A5



- · Level E cut resistance
- 15 gauge liner for extra dexterity
- Free from glass and steel fibres
- Nitrile foam coating for excellent grip in wet and dry conditions
- Retains cut performance level for up to 10 washes
- Breathable seamless liner

UHWPE, Nitrile Foam Grey/Black XS/6-XXL/11





ANSI/ ISEA 105: 2016







#### A665



#### **VHR ADVANCED CUT GLOVE**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X44E ANSI/ISEA 105: 2016 CUT LEVEL A6



- · Level E cut resistance
- Seamless 13 gauge liner
- Flexible sandy nitrile coating offers great grip in wet and dry conditions
- Palm dipped to increase dexterity and ventilation
- · Protects against cuts and abrasion
- Retail tag which aids presentation for retail

HDPE, Stainless Steel, Glass Fibre, Nitrile Foam
Grey S/7-XXL/11

#### **PALM DIPPED FOR EXTRA DEXTERITY**



ANSI/ ISEA 105: 2016











695





#### **AP81**

#### LIQUID PRO HR CUT GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3X43D **ANSI/ISEA 105: 2016 CUT LEVEL A4** 



- · Level D cut resistance
- Seamless 13 gauge liner
- · Liquid Pro offers maximum liquid protection
- Dual latex coating
- Prevents grease, oil and water penetration
- · Excellent for jobs requiring high dexterity

HPPE, Nylon, Glass Fibre, Latex, Latex Foam
Blue XS/6-XXL/11





ANSI/ ISEA 105: 2016











#### AP50

#### **AQUA CUT PRO GLOVE**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X43D ANSI/ISEA 105: 2016 CUT LEVEL A4



- Level D cut resistance
- · Seamless 13 gauge liner
- Protects against cuts and abrasion
- Double dipping for maximum liquid repellency
- · Sandy finish for exceptional grip in water, grease or oil
- · Prevents grease, oil and water penetration

HPPE, Glass Fibre, Nitrile, Nitrile Foam

Blue/Black S/7-XXL/11





















#### **A611** ARAMID HR CUT LATEX GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3X43D **EN 407 X2XXXX** ANSI/ISEA 105: 2016 CUT LEVEL A4



- · Level D cut resistance
- · Tough 10 gauge liner
- Durable Aramid cut resistant liner
- Excellent durability and grip in wet and dry conditions Ideal for the glass industry
- Provides contact heat protection up to 250°C for 15 seconds

Polyester, Aramid, Steel Fibre, Glass Fibre, Latex





D



ANSI/ ISEA 105: 2016





#### **A780 ARC GRIP GLOVE**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X42D EN 407 X1XXXX ASTM F2675-13 2



ANSI/ISEA 105: 2016 CUT LEVEL A4



- Superb Arc-Flash Protection: Arc Rating (ATPV) = 9.5 cal/cm2
- ARC Grip glove provides a high level of protection against ARC flash burns and cuts
- · Level D cut resistance
- 13 gauge liner for a perfect fit
- Flame-resistant neoprene coated palm allows for excellent grip
- FR aramid thread for extra durability and protection

Aramid, Neoprene Green/Black M/8-XXL/11





ANSI/









CT45 CT HR18 NITRILE FOAM CUT GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X42D ANSI/ISEA 105: 2016 CUT LEVEL A4



- · Level D cut resistance
- 18 gauge liner for extra dexterity
- · Free from glass and steel fibres
- Nitrile foam coating for excellent grip in wet and dry conditions
- Retains cut performance level for up to 10 washes
- · Breathable seamless liner

UHWPE, Nitrile Foam
Grey/Black XS/6-XXL/11



ANSI/ ISEA 105: 2016





THIN PALM FOR HIGH **DEXTERITY** 











#### **A621** CUT 3/4 NITRILE FOAM GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X43D **EN 407 X1XXXX** ANSI/ISEA 105: 2016 CUT LEVEL A4



- · Level D cut resistance
- 13 gauge liner for a perfect fit
- Nitrile foam coating for excellent grip in wet and dry conditions
- 3/4 dipped for increased protection
- Superb abrasion and tear resistance
- Protection against contact heat up to 100°C

HDPE, Glass Fibre, Nitrile Foam
Black S/7-3XL/12





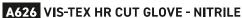
ANSI/ ISEA 105: 2016











**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X43D EN 407 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4



- · Level D cut resistance
- Seamless 13 gauge liner for increased wearer comfort
- · High visibility liner
- Nitrile sandy coating
- · Palm dipped to increase dexterity and ventilation
- · Retail tag which aids presentation for retail sales

HPPE, Glass Fibre, Nitrile Sandy Yellow/Red S/7-3XL/12





ANSI/ ISEA 105: 2016











#### **A646** VIS-TEX WINTER HR CUT GLOVE NITRILE

EN ISO 21420 DEXTERITY 3 EN388:2016 +A1:2018 - 4X43D **EN 407 X2XXXX** EN 511 X2X ANSI/ISEA 105: 2016 CUT LEVEL A4



- · Level D cut resistance
- Warm 7 gauge acrylic liner for extreme cold protection
- Specially designed for use in cold conditions
- Flexible sandy nitrile coating offers great grip in wet and dry conditions
- Provides contact heat protection up to 250°C for 15 seconds
- Available in sizes up to 3XL

HPPE, Acrylic, Nitrile Sandy
Orange/Black S/7-3XL/12





























#### **A625** VIS-TEX CUT RESISTANT GLOVE - PU

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X43D **EN 407 X1XXXX** 

ANSI/ISEA 105: 2016 CUT LEVEL A4



- · Level D cut resistance
- 13 gauge liner for a perfect fit
- Smooth PU coating for increased abrasion resistance
- · Hi-Visibility colour for visibility in daylight
- Protection against contact heat up to 100°C
- Palm dipped to increase dexterity and ventilation

HPPE, Glass Fibre, PU

Orange/Black S/7-XXL/11, Yellow/Black S/7-XXL/11













#### A640 SABRE-DOT GLOVE

EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 3X42D EN 407 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4





- 13 gauge liner for a perfect fit
- PVC dotted palm for enhanced grip
- Protection against contact heat up to 100°C
- Low linting construction for minimal contamination
- Performs well in dry conditions

HPPE, Glass Fibre, PVC Grey S/7-XXL/11





ANSI/ ISEA 105: 2016



















## A630 RAZOR - LITE GLOVE

EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 4X42D EN 407 X2XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4



- · Level D cut resistance
- 13 gauge liner for a perfect fit
- Provides contact heat protection up to 250°C for 15 seconds
- Additional reinforced protection on palm and forefinger areas - Designed for tasks that require reinforced abrasion resistance
- Retail tag which aids presentation for retail sales

HPPE, Glass Fibre, Chrome Leather Grey S/7-XXL/11





ANSI/ ISEA 105: 2016









A625

CEH IN SAL













#### **A645** GREEN CUT - NITRILE FOAM

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X44D ANSI/ISEA 105: 2016 CUT LEVEL A4



- Level D cut resistance
- 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- Machine washable
- Protects against cuts and abrasion

HDPE, Glass Fibre, Nitrile Foam Green/Black S/7-XXL/11

· Breathable seamless liner





ANSI/ ISEA 105: 2016









EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 3X4XD EN 407 X1XXX **ANSI/ISEA 105: 2016 CUT LEVEL A4** 



- · Level D cut resistance
- 13 gauge liner for a perfect fit
- Protection against contact heat up to 100°C
- High visibility liner
- Breathable seamless liner
- Ambidextrous suiting left and right handed users

₩ НРРЕ Yellow S/7-XXL/11







DI











#### A655 SABRE - LITE GLOVE

EN ISO 21420 DEXTERITY 2 EN388:2016 +A1:2018 - 3X4XD ANSI/ISEA 105: 2016 CUT LEVEL A5



- · Level D cut resistance
- 13 gauge liner for a perfect fit
- Sold in singles
- Machine washable at 60°C
- Ambidextrous suiting left and right handed users
- · Low linting construction for minimal contamination



HPPE, Steel Fibre, Polyester

Blue S/7-XL/10



700

















PORTWEST

9/L

見回









A689 14 INCH (35CM) CUT RESISTANT SLEEVE A690 18 INCH(45CM) CUT RESISTANT SLEEVE

A691 22 INCH (56CM) CUT RESISTANT SLEEVE

**EN ISO 21420** EN388:2016 +A1:2018 - 4X4XD EN 407 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A4

- Level D cut resistance
- · 13 gauge liner for a perfect fit
- Cut resistant protective tubular sleeve - Available in 3 lengths, 35cm, 45cm and 56cm
  - Superior cut and heat resistance
  - · Machine washable

HPPE, Glass Fibre Grey One Size, Yellow One Size





















#### A631 VIS-TEX CUT GLOVE LONG CUFF

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X43D EN 407 X1XXXX

ANSI/ISEA 105: 2016 CUT LEVEL A4

- Level D cut resistance
  - 13 gauge liner for a perfect fit
  - Smooth PU coating for increased abrasion resistance
  - Extended cuff for wrist and forearm protection
  - · High visibility liner
  - Tested for both cut and heat protection

HPPE, Glass Fibre, Elastane, Elastic, Polyester, PU Orange/Black S/7-3XL/12





EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X44D **ANSI/ISEA 105: 2016 CUT LEVEL A4** 

- - · Level D cut resistance
  - · 13 gauge liner for a perfect fit · Nitrile foam coating for excellent grip in wet and dry conditions
  - · Extended cuff for wrist and forearm protection
    - Machine washable
    - · Protects against cuts and abrasion

HPPE, Glass Fibre, Elastane, Elastic, Polyester, Nitrile Foam Green/Black S/7-3XL/12































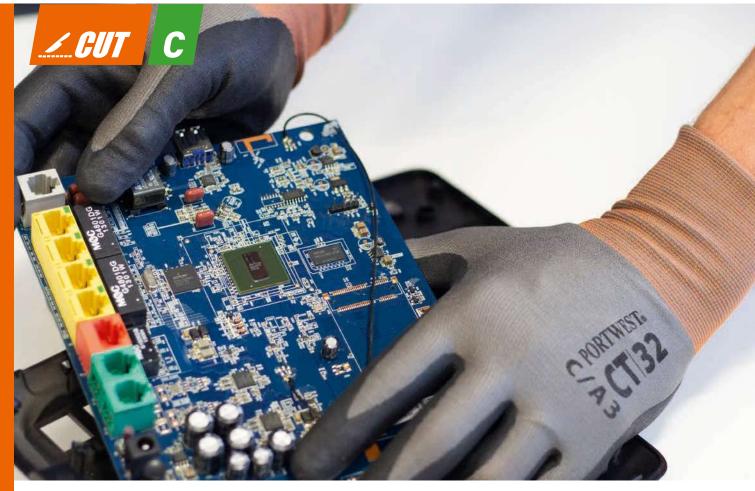
















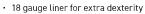
### **CT32**



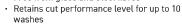
EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X31C ANSI/ISEA 105: 2016 CUT LEVEL A3











- · Reinforced thumb crotch for extra protection and durability
- Designed specifically for touchscreen

UHWPE, Nitrile Micro Foam Grey/Black XS/6-XXL/11

### **EXCEPTIONAL DEXTERITY**





















EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X43C EN 407 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A3





• 13 gauge liner for a perfect fit

MR CUT PU PALM GLOVE

- Smooth PU coating for increased abrasion resistance
- Palm dipped to increase dexterity and ventilation
- Breathable seamless liner
- · Medium risk cut protection

HPPE, Elastane, Glass Fibre, Elastic, Polyester, PU
Grey XS/6-3XL/12





ANSI/ ISEA 105: 2016



















### AP52



**DEXTI CUT ULTRA GLOVE EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X42C ANSI/ISEA 105: 2016 CUT LEVEL A3



- · Level C cut resistance
- 13 gauge liner for a perfect fit
- Sandy finish for exceptional grip in water, grease or oil
- · Reinforced thumb crotch for extra protection and durability
- OEKO-TEX® approved
- Retail tag which aids presentation for retail

HDPE, Glass Fibre, Nitrile, Nitrile Sandy
Blue/Black S/7-XXL/11

















### AP31

### SENTI CUT LITE GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3X42B ANSI/ISEA 105: 2016 CUT LEVEL A2



- · Level B cut resistance
- 18 gauge liner for extra dexterity
- · Excellent for jobs requiring high dexterity
- Breathable seamless liner
- Performs well in dry conditions
- OEKO-TEX® approved

HDPE, PU
Black/Grey S/7-XXL/11

### **18 GAUGE FOR EXCEPTIONAL DEXTERITY**



ANSI/ ISEA 105: 2016











### AP32

### **DEXTI CUT PRO GLOVE**

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X32B ANSI/ISEA 105: 2016 CUT LEVEL A2



- Level B cut resistance
- 18 gauge liner for extra dexterity
- Reinforced thumb crotch for extra protection and durability
- Sandy finish for exceptional grip in water, grease or oil
- Excellent for jobs requiring high dexterity
- OEKO-TEX® approved

HPPE, Nitrile, Nitrile Sandy
Black/Grey S/7-XXL/11

### **EXTRA DEXTERITY**















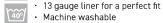


### A643 AMBER CUT - NITRILE FOAM

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X42B ANSI/ISEA 105: 2016 CUT LEVEL A2



Level B cut resistance



 Machine washable - Suited for food processing plants and resistant to greases, animal fats and oils



Nitrile foam coating for excellent grip in wet and dry conditions

• Palm dipped to increase dexterity and ventilation HPPE, Polyester, Elastane, Nitrile Foam

Amber S/7-XXL/11











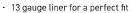


### **A620** LR CUT PU PALM GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X41B EN 407 X1XXXX **ANSI/ISEA 105: 2016 CUT LEVEL A2** 







Smooth PU coating for increased abrasion resistance

- Palm dipped to increase dexterity and ventilation
- · Low risk cut protection
- · Breathable seamless liner

HPPE, PU Grey XS/6-3XL/12, White XS/6-XL/10





ANSI/ ISEA

















### A635 ECO-CUT GLOVE

EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 4X42B



- Level B cut resistance
- 13 gauge liner for a perfect fit
- Low linting construction for minimal contamination
- Smooth PU coating for increased abrasion resistance
- · Low risk cut protection
- Breathable seamless liner

Polyester, Glass Fibre, Elastane, PU
Grey S/7-XXL/11, Black S/7-XXL/11



### **ECONOMY GLOVE**















CEM TO SA2





### **AC01** CHAINMAIL GLOVE

EN 1082-1 PASS



- Made from stainless steel chainmail for maximum protection
- · Ideal for meat processing
  - These gloves are ambidextrous and are suitable for left or right handed users for added functionality
  - Suited for food processing plants and resistant to greases, animal fats and oils
  - Sold in singles
  - CE certified

Stainless Steel
Silver S/7-XL/10





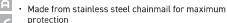


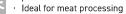


### **AC10** CHAINMAIL GAUNTLET 45CM

EN 1082-1 PASS

CE FOOD SAFE







- These gloves are ambidextrous and are suitable for left or right handed users for added functionality
- Suited for food processing plants and resistant to greases, animal fats and oils
- Sold in singles
- · CE certified

Stainless Steel Silver S/7-XL/10





### & Chainmail | Foodsafe | ∠ Cut

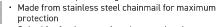






EN 1082-1 PASS CE FOOD SAFE







- Suited for food processing plants and resistant to greases, animal fats and oils
- Sold in singles
- CE certified
- · CE foodsafe

Stainless Steet
Silver One Size





















### **AC05** GLOVE TENSIONER



Extremely flexible PVC



White One Size





# PROVIDES VITAL PROTECTION AGAINST ACCIDENTAL IMPACT



Hand injury is one of the most common and frequent complaints in the workplace. This collection of gloves provides vital protection against impact to the hand from multiple hazards.

### DESIGNED FOR THE TOUGHEST ENVIRONMENTS

The latest development in glove technology, this collection of specially designed gloves provide protection to hands from impact hazards. Portwest impact protection gloves utilise the latest research in materials technology in order to absorb a maximum amount of force from impacts.



- **☑** Designed to protect against impact injury
- ★ Reinforced finger and knuckle area for increased impact protection
- **✓** Constructed for use in the toughest environments











#### **IMPACT PRO CUT GLOVE** EN ISO 21420 DEXTERITY 2

EN388:2016 +A1:2018 - 3X42FP EN 407 X2XXXX ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 138 LEVEL 2 - PASS

- Maximum impact protection using TPR pod technology
- Level F cut resistance
- · Highly durable and impact resistant
- Premium leather with a reinforced palm for ultimate durability
- Wrist strap for secure fitting
- · Highly protective cut resistant liner for added security against cut hazards

Full-Grain Cow Leather, HPPE, Stainless Steel, Cotton, TPR

Grey M/8-3XL/12









ANSI/ 105: 2016















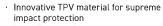




### A727

### DX VHR IMPACT GLOVE

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X43EP EN 407 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A6 ANSI/ISEA 138 LEVEL 1 - PASS



- Level E cut resistance
- 13 gauge liner for a perfect fit
- · Flexible sandy nitrile coating offers great grip in wet and dry conditions
- Designed with a comfort fit
- High visibility liner

HPPE, TPR, Glass Fibre, Steel, Nitrile Sandy

Orange M/8-3XL/12

























### **A728** SUPERGRIP IMPACT HR CUT GLOVE

EN ISO 21420

EN388:2016 +A1:2018 - 3X42DP

**EN 407 X2XXXX** 

ANSI/ISEA 105: 2016 CUT LEVEL A3

- Thermo plastic elastomer (TPE) coating for excellent grip and durability
  - Level D cut resistance
  - 13 gauge liner for a perfect fit
  - Highly durable and impact resistant
  - High visibility liner
  - · Excellent durability and grip in wet and dry conditions

HPPE, Glass Fibre, TPE Orange M/8-XXL/11





ם ו



ANSI/ ISEA 105: 2016















### **A723** TPV IMPACT CUT GLOVE

EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 4X43CP



· Innovative TPV material for supreme impact protection

- · Level C cut resistance
- 13 gauge liner for a perfect fit
- Reinforced padded palms
- Flexible sandy nitrile coating offers great grip in wet and dry conditions
- Breathable seamless liner

TPV, HDPE, Nitrile Foam Grey/Black M/8-XXL/11













### **AP55** WATERPROOF HR CUT IMPACT GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 4X43DP EN 407 X1XXXX **ANSI/ISEA 105: 2016 CUT LEVEL A4** 



· Maximum impact protection using TPR pod technology



- Level D cut resistance • 18 gauge liner for extra dexterity
- · Fully waterproof
- This glove can be used with most mobile touchscreen devices Nitrile foam coating for excellent grip in wet and dry conditions

UHWPE, Glass Fibre, ABS, PVC, Nitrile, Nitrile Sandy Grey/Black S/7-XXL/11



















## > IMPACT



### A722

#### **ANTI IMPACT CUT RESISTANT GLOVE**

EN ISO 21420 DEXTERITY 3

EN388:2016 +A1:2018 - 4X43CP EN 407 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A4 ANSI/ISEA 138 LEVEL 2 - PASS

- · Maximum impact protection using TPR pod technology
  - Level C cut resistance
  - 13 gauge liner for a perfect fit
  - Nitrile foam coating for excellent grip in wet and dry conditions
  - Reinforced thumb crotch for extra protection and durability
  - Wrist strap for secure fitting

HPPE, Glass Fibre, TPR, Nitrile Grey/Black S/7-3XL/12





ANSI/ ISEA 105: 2016











**PORTWEST** 



### A721

### **ANTI IMPACT GRIP GLOVE**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4241XP ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 138 LEVEL 2 - PASS



- Maximum impact protection using TPR pod technology
- 13 gauge liner for a perfect fit
- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Highly durable and impact resistant
- Wrist strap for secure fitting
- Breathable seamless liner

TPR, Polyester, Nitrile
Yellow/Orange S/7-3XL/12

















### **AQUA-SEAL PRO GLOVE**

EN ISO 21420 EN388:2016 +A1:2018 - 3X33BP EN 511 221



- · Maximum impact protection using TPR pod technology
- PVC dotted palm for enhanced grip
- Waterproof keeping the wearer dry and protected from the elements
- Specially designed for use in cold conditions
- · Prevents grease, oil and water penetration
- · Low risk cut protection

Synthetic Leather, Elastane, Neoprene, Insulatex, PVC, TPR
Orange/Blue L/9-XXL/11















### FOR USE IN COLD **CONDITIONS**



### A729

#### **ANTI IMPACT CUT RESISTANT THERMAL GLOVE**



**EN ISO 21420 DEXTERITY 3** EN388:2016 +A1:2018 - 4X42CP EN 511 X2X



ANSI/ISEA 105: 2016 CUT LEVEL A4



- ANSI/ISEA 138 LEVEL 2 PASS Maximum impact protection using TPR pod
- technology Specially designed for use in cold conditions
- Level C cut resistance
- 13 gauge liner for a perfect fit
- Reinforced thumb crotch for extra protection and durability
- Nitrile foam coating for excellent grip in wet and dry conditions

HPPE, Glass Fibre, TPR, Brushed Acrylic, Nitrile
Grey/Black S/7-3XL/12

























### A774 DX4 LR CUT GLOVE



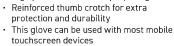


- Level B cut resistance



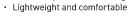
- High performance multi-purpose glove

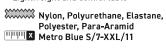






- Wrist strap for secure fitting

























### **PW3 GENERAL UTILITY GLOVE**

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 2121X

- High performance multi-purpose glove
- Reinforced thumb crotch for extra protection and durability
- This glove can be used with most mobile touchscreen devices
- Lightweight and comfortable
- Wrist strap for secure fitting
- Specially engineered high visibility material

Nylon, Polyurethane, Synthetic Leather, Elastane



**REFLECTIVE TAPE** ENHANCES WEARER VISIBILITY

NEW.









### **A771** PW3 TRADESMAN GLOVE

EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 2X22B



- · High performance multi-purpose glove
- Reinforced padded palms
- This glove can be used with most mobile touchscreen devices
- Additional knuckle padding for extra protection
- Level B cut resistance - Specially engineered high visibility material

Polyurethane, Nylon, Elastane Black/Yellow S/7-XXL/11





### **GRIP** | **MECHANIC** | **TOUCH**





### **A776 PW3 WINTER GLOVE**

**EN ISO 21420 DEXTERITY 4** EN388:2016 +A1:2018 - 2X22A EN 511 121



- · Leather palm greatly improves durability
- · Waterproof membrane
- This glove can be used with most mobile touchscreen devices
- Thermal insulating textile lining
- · High performance multi-purpose glove
- · Lightweight and comfortable

Nylon, Leather, Elastane, Polyurethane, Polyester Black/Yellow S/7-XXL/11





















### **GENERAL UTILITY - HIGH PERFORMANCE GLOVE**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 1111X



- · High performance multi-purpose glove
- Reinforced stitching on the thumb for extra strenath
- Wrist support and protection
- Lightweight and comfortable
- · Wrist strap for secure fitting
- · Retail tag which aids presentation for retail



Synthetic Leather, Elastane Black M/8-XXL/11











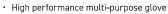


### A710

#### TRADESMAN - HIGH **PERFORMANCE GLOVE**

**EN ISO 21420 DEXTERITY 4** EN388:2016 +A1:2018 - 1131X





- Additional knuckle padding for extra protection
- Reinforcement stitching on palms and fingers
- Durable synthetic leather palm
- Superior strength and comfort
- Wrist strap for secure fitting

Synthetic Leather, Rubber, Elastane, Neoprene
Black M/8-XXL/11



















### IMPACT - HIGH PERFORMANCE **GLOVE**

**EN ISO 21420 DEXTERITY 4** EN388:2016 +A1:2018 - 1131X



- High performance multi-purpose glove
- Reinforced panels in high wear areas for maximum durability
- · Additional knuckle padding for extra protection
- Durable synthetic leather palm
- Reinforced padded palms
- Wrist strap for secure fitting

Synthetic Leather, Rubber, Elastane, Neoprene

Navy M/8-XXL/11











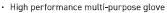


### A740

### **POWERTOOL PRO - HIGH PERFORMANCE GLOVE**



EN ISO 21420 EN388:2016 +A1:2018 - 2121X **ANSI/ISEA 105: 2016 CUT LEVEL A2** 



- Thumb, middle and index finger tips left open for precision handling
- Durable synthetic leather palm
- Reinforced padded palms
- · Reinforced panels in high wear areas for maximum durability
- Wrist strap for secure fitting

Synthetic Leather, Rubber, Elastane,

Neoprene
Black M/8-XL/10



ANSI/ ISEA 105: 2016



GRIP MECHANIC







# ENHANCED GRIPPING AND GREATER WEARER SAFETY



The general handling and grip glove category is one of the most popular collections within the Portwest hand protection range. A carefully selected range of coatings, including latex, nitrile, polyurethane and PVC, provides a broad range of styles suited to a diverse range of tasks.

### **GRIP GLOVE SELECTION GUIDE**

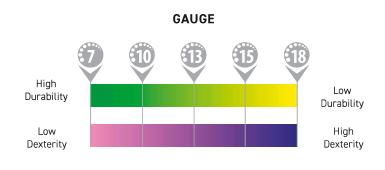
When selecting the right glove, many factors must be taken into consideration such as the environment you're working in, the amount of dexterity required and whether you're working in wet or dry conditions. This two-step guide will help you in selecting the appropriate glove for your application.

Step 1. Find the suitable glove coating for your application

Step 2. Select the material gauge based on durability and dexterity required for your application.

The gauge of the material can affect the durability and the dexterity.

| APPLICATION            | COATING                                  |
|------------------------|--|
| Wet, Oily Conditions   | Fully coated, or liquid repellent gloves |
| Oil                    | Nitrile based coatings                   |
| Water / Dry Conditions | Latex Coating                            |
| High Dexterity         | PU Coating                               |



A lower gauge will offer improved durability with reduced dexterity

A higher gauge has improved dexterity with reduced durability



# THE VEND READY PACKAGING SOLUTION

- Save time and money
- ✓ Improve usage monitoring and control
- ☑ Improve inventory management
- ✓ Improve restocking inefficiencies
- Build your brand with customised packaging

### **VENDING STYLES**







EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1



Polyester, Elastic, PU
Grey XS/6-XL/10, Black XS/6XXL/11, White XS/6-XXL/11









EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X41B EN 407 XIXXXX ANSI/ISEA 105: 2016 CUT LEVEL A2



HPPE, PU
Grey XS/6-XXL/11







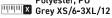


EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 -4X43C EN 407 X1XXXX ANSI/ISEA 105: 2016 CUT LEVEL A3



HPPE, Elastane, Glass Fibre, Elastic,
Polyester, PU





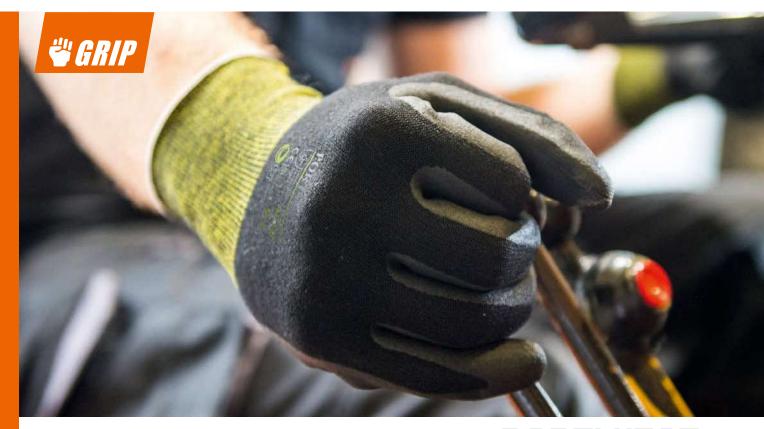


# THE RETAIL PACKAGING SOLUTION

- ✓ Aids presentation in retail store
- ☑ Increases brand presence and helps to maximise sales
- ✓ Improves restocking inefficiencies
- ✓ Keeps the product clean and presentable

TO SEE A FULL INDEX OF OUR 397 RETAIL READY PRODUCTS SEE PAGE 843.





### **SUSTAINABLE BAMBOO LINER**



### **AP10**

### **NPR15 FOAM NITRILE BAMBOO GLOVE - 12 PACK**





- Made using a sustainable bamboo liner
- 15 gauge liner for extra dexterity Nitrile foam coating for excellent grip
  - in wet and dry conditions
  - · Excellent durability and grip in wet and dry conditions
  - · Palm dipped to increase dexterity and - Retail tag which aids presentation for
  - retail sales

Bamboo, Nylon, Nitrile Foam
Black XS/6-XXL/11

### **SUSTAINABLY MADE**





718















### AP02

## THERMO PRO ULTRA

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4242X EN 511 X2X

ANSI/ISEA 105: 2016 CUT LEVEL A3



- Water repellent nano coating for light splash applications
- Twin liner traps in heat through increased insulation
- · Sandy finish for exceptional grip in water, grease or oil
- Tough 10 gauge liner
- Low linting construction for minimal contamination
- · Breathable seamless liner

Acrylic, Nitrile Sandy
Orange/Black S/7-XXL/11



















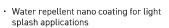


### AP62

#### **DERMIFLEX AQUA GLOVE**

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1 ANSI/ISEA 105: 2016 ABRASION LEVEL 3





- Flexible sandy nitrile coating offers great grip in wet and dry conditions
- 15 gauge liner for extra dexterity
- · Lightweight and comfortable
- Breathable seamless liner
- Lightweight and comfortable

Nylon, Elastane, Nitrile Sandy
Grey/Black S/7-XXL/11

### **REPELS WATER AND HEAVY OILS**



ANSI/ ISEA 105: 2016





PORTWEST

(长路四

AP02

9/L







### **AP80** LIQUID PR0 GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Liquid Pro offers maximum liquid protection
- Latex foam coating for excellent grip in wet and dry conditions
- Dual latex coating for additional protection in tough conditions • 13 gauge liner for a perfect fit
- Lightweight and comfortable
- Elasticated cuffs for a secure fit

Nylon, Latex, Latex Foam Blue S/7-XXL/11



ANSI/ ISEA 105: 2016





### **AP30** DERMI PRO GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4121X ANSI/ISEA 105: 2016 CUT LEVEL A1



- Fully coated for maximum liquid protection
- Nitrile foam coating for excellent grip in wet and dry conditions
- Superb abrasion and tear resistance
- 13 gauge liner for a perfect fit
- · Lightweight and comfortable
- · Elasticated cuffs for a secure fit

Mylon, Nitrile, Nitrile Foam Orange/Black S/7-XXL/11



ANSI/ ISEA 105: 2016





### **AP01** THERMO PRO GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2132X EN 511 X3X **ANSI/ISEA 105: 2016 CUT LEVEL A3** 



- Fully coated for maximum liquid protection
- Specially designed for use in cold conditions
- 13 gauge liner for a perfect fit
- · Latex foam coating for excellent grip in wet and dry conditions
- Superb abrasion and tear resistance
- Ergonomic design to reduce hand fatigue

Brushed Acrylic, Latex, Latex Foam Blue/Black S/7-XXL/11



EN 511 (\$\$) X3X



















## **REDUCES THE SPREAD OF CORONAVIRUS BY** 97%\*



### AP65

### NPR PRO NITRILE FOAM



**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4131A **ANSI/ISEA 105: 2016 CUT LEVEL A1** 



 Nitrile foam coating for excellent grip in wet and dry conditions



- Anti-microbial finish helps keep your gloves
- fresh and dry • 15 gauge liner for extra dexterity
- Breathable seamless lining ideal for precision handling in dry environments
- OEKO-TEX® approved
- Retail tag which aids presentation for retail sales

Nylon, Elastane, Nitrile Foam Black/Grey XS/6-XXL/11



















#### **DERMIFLEX GLOVE**



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Palm dipped to increase dexterity and ventilation
- 15 gauge liner for extra dexterity
- Breathable seamless liner
- · Lightweight and comfortable
- · Maximum EN level 4 abrasion

Nylon, Elastane, Nitrile Foam Black S/7-XXL/11

### **OVER HALF A MILLION PAIRS SOLD ANNUALLY**



ANSI/ 105: 2016







### A351



### **DERMIFLEX PLUS GLOVE**



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Nitrile foam coating for excellent grip in wet and dry conditions
- Breathable seamless lining ideal for precision handling in dry environments
- 15 gauge liner for extra dexterity
- Breathable seamless liner
- · Nitrile dotted palm for enhanced grip
- Lightweight and comfortable



Nylon, Elastane, Nitrile Foam Grey/Black S/7-3XL/12

### **DOTTED PALM FOR SUPERIOR GRIP**



ANSI/ ISEA 105: 2016



**722** 







### **A352** DERMIFLEX ULTRA GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4131X ANSI/ISEA 105: 2016 CUT LEVEL A1



- Nitrile foam coating for excellent grip in wet and dry conditions
- 3/4 dipped for increased protection 15 gauge liner for extra dexterity
  - Breathable seamless liner
  - · Low linting construction for minimal contamination
  - Lightweight and comfortable

Nylon, Elastane, Nitrile Foam Grey/Black S/7-XXL/11



ANSI/ ISEA 105: 2016











EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4131X



- Nitrile foam coating for excellent grip in wet and dry conditions
   3/4 dipped for increased protection
- Nitrile dotted palm for enhanced grip
- 15 gauge liner for extra dexterity
- Low linting construction for minimal contamination
- Breathable seamless liner

Nylon, Elastane, Elastic, Nitrile Foam Grey/Black S/7-XXL/11









#### A354 DERMIFLEX ULTRA PRO GLOVE - NITRILE **FOAM**

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4131X



- Nitrile foam coating for excellent grip in wet and dry conditions
- 3/4 dipped for increased protection
- 15 gauge liner for extra dexterity
- Breathable seamless liner
- Superior strength and comfort
- · Low linting construction for minimal contamination

Nylon, Elastane, Nitrile Foam













### **RETAIL PACKAGING OPTION AVAILABLE**



### **A310** FLEXO GRIP NITRILE **GLOVE**



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3121X ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Palm dipped to increase dexterity and ventilation
- · Ideal for auto repair, construction and other sectors
- 13 gauge liner for a perfect fit
- Breathable seamless liner
- Low linting construction for minimal contamination
- · Lightweight for enhanced wearing comfort

Polyester, Elastic, Nitrile
Grey/White XS/6-XXL/11, Red/ Black S/7-XXL/11



A319 **FLEXO GRIP NITRILE GLOVE** (RETAIL PACK)



ANSI/















### **A315** ALL-FLEX GRIP GLOVE





- · Fully coated for maximum liquid protection
- 13 gauge liner for a perfect fit
- · Oil and water resistant



- · Inner elasticated cuff - Lightweight and comfortable
- Low linting construction for minimal contamination

Polyester, Nitrile
Black S/7-XXL/11





ANSI/

ISEA 105: 2016



724





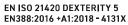








### **DERMI-GRIP NPR15 NITRILE SANDY GLOVE**





- Nitrile sandy coating
- Palm dipped to increase dexterity and ventilation
- 15 gauge liner for extra dexterity
- Breathable seamless liner
- · Lightweight and comfortable
- Perfect for intricate tasks

Polyester, Nitrile Sandy
Black XS/6-XXL/11, Orange/Black XS/6-XXL/11

### 15 GAUGE FOR **IMPROVED DEXTERITY**









### A320



### **DEXTI-GRIP GLOVE EN ISO 21420 DEXTERITY 5**

EN388:2016 +A1:2018 - 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Nitrile foam coating for excellent grip in wet and dry conditions
- · Palm dipped to increase dexterity and ventilation
- 13 gauge liner for a perfect fit
- · Breathable seamless liner
- · Perfect for intricate tasks
- Superb abrasion and tear resistance

Polyester, Nitrile Foam Black S/7-XXL/11, Blue S/7-XXL/11

### **NITRILE FOAM COATING FOR IMPROVED GRIP**









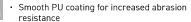


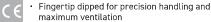




### **A121** PU FINGERTIP GLOVE

CE CAT 1





- · Seamless 13 gauge liner
- Breathable seamless liner
- Low linting construction for minimal contamination
- · Perfect for intricate tasks

Pylon, PU
White XXS/5-XL/10
Grey XS/6-XL/10







## A123 PU PALM GLOVE LATEX FREE - FULL CARTON (144)





- 100% latex free
- Smooth PU coating for increased abrasion resistance
- 13 gauge liner for a perfect fit
  - Breathable seamless linerPerfect for intricate tasks
  - · This product is sold in carton qty's

Polyester, PU
Black XXS/5-XXL/11





## A128 PU PALM GLOVE LATEX FREE (RETAIL PACK)



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1



- Retail tag which aids presentation for retail sales



Polyester, PU
Black XXS/5-XXL/11



ANSI/ ISEA 105: 2016



726









### A195 TOUCHSCREEN - PU

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1



This glove can be used with most mobile touchscreen devices

- Seamless 13 gauge liner
- Smooth PU coating for increased abrasion resistance
  - For use in electronics assembly, testing and precision work
  - Breathable seamless liner
  - · Perfect for intricate tasks



Polyester, PU
Purple/Black XS/6-XXL/11

IDEAL FOR USE WITH TOUCHSCREEN DEVICES



ANSI/ ISEA 105: 2016

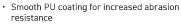


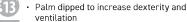


### **A120** PU PALM GLOVE









- 13 gauge liner for a perfect fit
- Maximum dexterity
- · Perfect for intricate tasks
- · Superb abrasion and tear resistance

Polyester, Elastic, PU
White XXS/5-3XL/12
Black XXS/5-3XL/12

Grey XS/6-XXL/11 Blue XS/6-XXL/11 Grey/Black XS/6-XXL/11 Black/Grey XS/6-XXL/11 Orange XS/6-XXL/11 Orange/Black XS/6-XXL/11 Pink XS/6-L/9 Yellow XS/6-XXL/11 Yellow/Black XS/6-XXL/11



### A129





EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3131X **ANSI/ISEA 105: 2016 CUT LEVEL 1** 



Sold in cartons of 480 pairs



Polyester, Elastic, PU
White XS/6-XXL/11 Black XS/6-XXL/11



ANSI/ ISEA 105: 2016



**VEND READY OPTION AVAILABLE SEE PAGE** 717

























### **AP70** NERO LITE FOAM GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2121X



- Smooth PU coating for increased abrasion resistance
- Approved for safe food handling
- 18 gauge liner for extra dexterity
- Breathable seamless liner
  - Excellent for jobs requiring high dexterity
  - Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic

Nylon, Micro PU
Blue/Black S/7-XXL/11











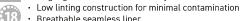


### A360 SENTI - FLEX GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3121X



- Smooth PU coating for increased abrasion resistance
- 18 gauge liner for extra dexterity





- Elasticated cuffs for a secure fit · Lightweight and comfortable



Nylon, PU
Blue/Black S/7-XXL/11











### A641 RED - PU GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3131X ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Smooth PU coating for increased abrasion resistance
- Palm dipped to increase dexterity and ventilation
- 13 gauge liner for a perfect fit
- Breathable seamless liner
- Perfect for intricate tasks
- · Lightweight and comfortable

Polyester, PU
Red/Black M/8-XXL/11





ANSI/ ISEA 105: 2016



728













### **A100** GRIP GLOVE - LATEX

EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 2143A ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Latex foam coating for excellent grip in wet and dry conditions
- Crinkle latex grip offers excellent grip
- Tough 10 gauge liner
- Breathable seamless liner
- · Premium quality work glove
- · Open back for breathability

Polyester, Cotton, Latex
Grey/Blue S/7-XXL/11, Green M/8-XXL/11, Black M/8-XXL/11, Orange S/7-XXL/11, Red/Black M/8-XXL/11



### **A109** GRIP GLOVE (RETAIL PACK)

EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 2143A ANSI/ISEA 105: 2016 CUT LEVEL A1

Polyester, Cotton, Latex
Orange M/8-XL/10





ANSI/ ISEA 105: 2016









A100





PORTWEST

SA1 | F28 FY88, freland

CER

A100

9 L



### **A105** GRIP XTRA GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3143X

- · Latex foam coating for excellent grip in wet and dry conditions
- Tough 10 gauge liner
- 3/4 dipped for increased protection
- · Breathable seamless liner
- Crinkle latex grip offers excellent grip
- · Open back for breathability

Polyester, Cotton, Latex Yellow/Orange L/9-XXL/11











### A175 DUO-FLEX GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2021X



- Dual latex coating for additional protection in tough conditions
- Breathable seamless liner
- · Seamless 13 gauge liner
- Low linting construction for minimal contamination
- Lightweight and comfortable
- · Elasticated cuffs for a secure fit



























EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1

- Latex foam coating for excellent grip in wet and dry conditions
- High visibility liner
- 13 gauge liner for a perfect fit
- Breathable seamless liner
- · Palm dipped to increase dexterity and ventilation
- Offers the highest level of comfort

Polyester, Latex Orange/Black S/7-XXL/11, Yellow XXXS/4-XXL/11



ANSI/ ISEA 105: 2016



**AVAILABLE IN CHILDREN'S SIZES** FROM 3XS











### **A174** FLEX GRIP LATEX GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2121X



- · Crinkle latex grip offers excellent grip
- 13 gauge liner for a perfect fit
- · Breathable seamless liner
- Ergonomic design to reduce hand fatigue
- Elasticated cuffs for a secure fit
- Retail tag which aids presentation for retail sales

Polyester, Latex
Red/Black S/7-XXL/11









EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2121X ANSI/ISEA 105: 2016 CUT LEVEL A1



- Crinkle latex grip offers excellent grip
- Tough 10 gauge liner
- Knitted cuff for comfort and warmth
- Palm dipped to increase dexterity and ventilation
- Breathable seamless liner
- Made using recycled polyester

Polyester, Cotton, Latex Green M/8-XXL/11, Black M/8-XXL/11, Orange S/7-XXL/11



ANSI/ ISEA 105: 2016













### A135 TOUGH GRIP GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3131X



- Latex dipped for maximum grip
- · Textured pattern for enhanced grip
- · Tough 10 gauge liner
- Breathable seamless liner
- Low linting construction for minimal contamination
- Knitted cuff for comfort and warmth

Polycotton, Latex
Yellow/Orange L/9-XXL/11











### **A300 NITRILE KNITWRIST**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4111X ANSI/ISEA 105: 2016 CUT LEVEL A1



- Smooth heavy Nitrile coating
- 12 gauge liner for dexterity
- Fully coated for maximum liquid protection
- Jersey cotton lining with knitwrist
- Suitable for any work area where oil and grease resistance is a priority
- Maximum EN level 4 abrasion

Cotton, Jersey Lining, Nitrile || Navy M/8-XXL/11



ANSI/ ISEA













### **A302** FULLY DIPPED NITRILE SAFETY CUFF

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4111X



- · Smooth heavy Nitrile coating
- · Fully coated for maximum liquid protection
- Maximum EN level 4 abrasion
- Canvas safety cuff for added protection
- · Incredibly durable and hardwearing
- CE certified

Cotton, Nitrile Navy M/8-XXL/11











EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3111X ANSI/ISEA 105: 2016 CUT LEVEL A1



- Smooth heavy Nitrile coating
- · 3/4 dipped for increased protection
- Jersey cotton lining with knitwrist
- 12 gauge liner for dexterity
- · Excellent for jobs requiring high dexterity
- Lightweight and comfortable

Cotton, Nitrile

Navy S/7-XXL/11, Yellow S/7-XXL/11



ISEA 105: 2016





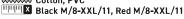
### **A400 PVC KNITWRIST**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4121X ANSI/ISEA 105: 2016 CUT LEVEL A1



- · Fully coated for maximum liquid protection
- · Phthalate Free
- Extremely flexible PVC
- · Superb abrasion and tear resistance
- Knitted cuff for comfort and warmth
- · ANSI cut level A1

Cotton, PVC





ISEA 105: 2016





































**A435** PVC GAUNTLET



**A445** PVC GAUNTLET



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4121X



- Available in 3 lengths, 27cm, 35cm and 45cm
- Phthalate Free
- Maximum EN level 4 abrasion
- Fully coated for maximum liquid protection
- · Incredibly durable and hardwearing
- ANSI abrasion level 3

Polyester, PVC









### **A880 TRAWLMASTER 30CM GAUNTLET**



EN 420 EN 388:2003 - 4131 EN ISO 374-1 AKL



- Waterproof PVC construction ideal for enduring work and weather conditions
- Sandy finish for exceptional grip in water, grease or oil
- Fully coated for maximum liquid protection
- Fully lined with soft and comfortable cotton
- Extremely flexible PVC
- 30cm gauntlet for hand and wrist protection























#### **HEAT RESISTANT 250°C GLOVE**

EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 234XX EN 407 0231XX



- Provides contact protection up to 250°C for 15 seconds
- Robust 7 gauge liner
- Long cuff version • These gloves are ambidextrous and are suitable for left or right handed users for added functionality
  - Sold in singles

Machine washable

Meta-Aramid, Cotton
White L/9,XXL/11



**AMBIDEXTROUS GLOVE LENGTH 30CM** 











### **A001** GLOVE CLIP

- Gloves are kept safe and secure
- Safety breakaway which prevents entanglement
- Easy to clip-on
- Retail box which aids presentation for retail sales

Acetal Copolymer
Black One Size, Red One Size





### **A002** METAL FREE GLOVE CLIP

- · Gloves are kept safe and secure
  - Safety breakaway which prevents entanglement
  - Easy to clip-on
  - Engineered using dielectric material, which is non-conductive, and non-
  - Retail box which aids presentation for retail sales

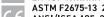
Acetyl, Santaprene
Black One Size, Yellow One Size





### A780 ARC GRIP GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X42D EN 407 X1XXXX ASTM F2675-13 2



ANSI/ISEA 105: 2016 CUT LEVEL A4



- Superb Arc-Flash Protection: Arc Rating (ATPV) = 9.5 cal/cm2
- ARC Grip glove provides a high level of protection against ARC flash burns and cuts
- Level D cut resistance
- 13 gauge liner for a perfect fit
- Flame-resistant neoprene coated palm allows for excellent grip
- · FR aramid thread for extra durability and protection

Aramid, Neoprene Green/Black M/8-XXL/11





ANSI/ ISEA

105: 2016









### **A290** OAK CHAINSAW PROTECTIVE GLOVE (CLASS 0)

**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 3123X **EN 381-7 CLASS 0** 



- · Left hand only chainsaw protection
- For use in construction, landscaping, agriculture and forestry
- · Designed for saw speeds up to 16m/s
- · CE certified
- · Retail tag which aids presentation for retail sales

Full-Grain Leather,
Orange L/9,XL/10 💢 Full-Grain Leather, Polyester, Polyethylene, Elastic







### **DESIGNED FOR USE** WITH CHAINSAWS



EN ISO 21420 EN388:2016 +A1:2018 - 4142X EN 10819 (TRM = 0.865 TRH = 0.598)

- Reduces vibration by 40%
  - · Specially designed to reduce the effects of vibration
  - · For use with jack hammers, concrete breakers etc
  - Specially formulated rubber chloroprene
  - Tough 10 gauge liner
  - Breathable seamless liner

Cotton, Nylon, Rubber Chloroprene
Black M/8-XXL/11





REDUCED HARMFUL **EFFECTS OF VIBRATION** 











### **A111** CLASSIC POLKA DOT GLOVE



- Robust 7 gauge liner
- Breathable seamless liner
- · Lightweight and comfortable
- Excellent for jobs requiring high dexterity
  Performs well in dry conditions

Polyester, Cotton, PVC
White/Blue XS/6-XXL/11







### A130 CRISS CROSS GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 1141X



- · Textured pattern for enhanced grip
- Extremely flexible PVC



- Robust 7 gauge liner
- Ambidextrous suiting left and right handed users
- Knitted cuff for comfort and warmth
- · Performs well in dry conditions

Polyester, Cotton, PVC
Orange M/8-XL/10









### **A112** HEAVYWEIGHT POLKA DOT GLOVE

EN ISO 21420 DEXTERITY 4 EN388:2016 +A1:2018 - 1241X EN 407 X1XXXX



- · Knitted cuff for comfort and warmth
- PVC dotted palm for enhanced grip
- · Robust 7 gauge liner
- Breathable seamless liner
- · Lightweight and comfortable
- Performs well in dry conditions

Polyester, Cotton, PVC White/Red M/8-XL/10







736





100°C CONTACT HEAT **PROTECTION** 









### **POLKA DOT GLOVE**



- PVC dotted palm for enhanced grip
- Seamless 13 gauge liner
- · Breathable seamless liner
- Excellent for jobs requiring high dexterity
- Performs well in dry conditions
- · Knitted cuff for comfort and warmth



### **AVAILABLE IN TWO COLOURS**



ANSI/ ISEA 105: 2016









### A113

### **POLKA DOT PLUS GLOVE**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 1142X



- PVC dotted palm for enhanced grip
- Ambidextrous suiting left and right handed users
- Seamless 13 gauge liner
- · Breathable seamless liner
- Low linting construction for minimal contamination
- Performs well in dry conditions



Polyester, PVC
White/Blue S/7-XL/10

### **DOTTED GRIP ON BOTH SIDES**











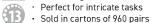




#### **A020** ASSEMBLY GLOVE (960 PAIRS)



- 13 gauge liner for a perfect fit
- Breathable seamless liner
- Lightweight and comfortable
- · Low linting construction for minimal contamination





Polyester
White XS/6-XL/10





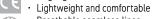
#### **A050** STOCKINETTE KNITWRIST GLOVE (600 PAIRS)



#### CE CAT 1

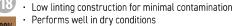


- 18 gauge liner for extra dexterity





- Breathable seamless liner





- Sold in cartons of 600 pairs

Polyester, Cotton
Beige XL/10





#### **A080** MICRODOT GLOVE

#### CE CAT 1



- 24 gauge liner for extra dexterity
  Excellent for jobs requiring high dexterity
  PVC dotted palm for enhanced grip
  Made from 100% cotton fabric for added comfort and breathability
- · Breathable seamless liner
  - Performs well in dry conditions

Cotton, PVC
White M/8-XL/10













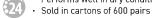


#### **A010** NYLON INSPECTION GLOVE (600 PAIRS)



· 24 gauge liner for extra dexterity

- · Lightweight and comfortable
- Low linting construction for minimal contamination
- · Breathable seamless liner
- Performs well in dry conditions



Nylon
White M/8-XL/10







#### **A030** STRING KNIT LINER GLOVE (300 PAIRS)

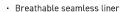
#### CE CAT 1



- Robust 7 gauge liner



These gloves are ambidextrous and are suitable for left or right handed users for added functionality





Durable polycotton fabric for high performance and maximum wearer

Performs well in dry conditions

Sold in cartons of 300 pairs

Polycotton White M/8-XL/10





#### **A040** JERSEY LINER GLOVE (300 PAIRS)

#### CE CAT 1



- 18 gauge liner for extra dexterityJersey cotton lining with knitwrist
- Breathable seamless liner
  - Performs well in dry conditions
  - Excellent for jobs requiring high dexterity
  - · Sold in cartons of 300 pairs



Jersey Lining, Cotton
Natural M/8-XL/10











739







#### **DOUBLE PALM RIGGER GLOVE**

EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 3334X EN 407 X2XXXX ANSI/ISEA 105: 2016 CUT LEVEL A3

- · For use in construction, landscaping, agriculture and forestry
- Superior double palm rigger
- Additional reinforced protection on palm and forefinger areas
- · Cotton backing for breathability
- Knuckle back protection
- Superb abrasion and tear resistance

Cow Split Leather, Cotton Grey XL/10,3XL/12

#### REINFORCED PATCH **PALM**





ANSI/ ISEA 105: 2016











#### **FLEECE LINED RIGGER GLOVE**

EN ISO 21420 EN388:2016 +A1:2018 - 4242X EN 511 11X

- · Specially designed for use in cold conditions
- Fleece lining for added warmth and comfort
- Superb abrasion and tear resistance
- · Classic leather driver
- · Knuckle back protection
- · Leather palm greatly improves durability

Cow Split Leather, Insulatex Red XL/10

### **FOR USE IN COLD CONDITIONS**















# [] LEATHER



#### **A220** PREMIUM CHROME RIGGER GLOVE



EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 3223X ANSI/ISEA 105: 2016 CUT LEVEL A2



- · Premium quality split leather rigger
- For use in construction, mining and landscaping
- Knuckle back protection
- · Rubberised safety cuffs
- Cotton backing for breathability
- Durable leather

Cow Split Leather, Polycotton

Green XL/10,3XL/12, Red M/8,XL/10,3XL/12



ANSI/ ISEA 105: 2016









#### **A200** FURNITURE HIDE GLOVE



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2143X



- For use in construction, landscaping, agriculture and forestry
- · Leather palm greatly improves durability
- · Rubberised safety cuffs
- Patch palm and vein protection
- Superb abrasion and tear resistance
- Durable leather

Leather, Cotton
Yellow XL/10









#### **A210** CANADIAN RIGGER GLOVE



EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 3223X ANSI/ISEA 105: 2016 CUT LEVEL A2



- · Cow split leather rigger
- Knuckle back protection
- · Patch palm and vein protection
- · Cotton backing for breathability - Superb abrasion and tear resistance
- · For use in construction, mining and landscaping

Cow Split Leather, Cotton Grey XL/10,3XL/12











#### **A209 CLASSIC CANADIAN RIGGER GLOVE**

EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 2243X



- For use in construction, landscaping, agriculture and forestry
- Great value split leather rigger
- · Patch palm and vein protection
- · Cotton backing for breathability
- Knuckle back protection
- Durable leather

Split Leather, Cotton
Grey XL/10



#### **GREAT VALUE** RIGGER GLOVES









#### **A219** CLASSIC CHROME RIGGER GLOVE

EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 4222X



- · Knuckle back protection
- Very competitive price
- Cotton backing for breathability
- Durable leather
- For use in construction, landscaping, agriculture and forestry
- CE certified











#### **A229** CLASSIC DOUBLE PALM RIGGER GLOVE

EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 4344X



- Premium quality split leather rigger
- Superior double palm rigger
- Additional reinforced protection on palm and forefinger areas
- Knuckle back protection
- For use in construction, landscaping, agriculture and forestry
- Cotton backing for breathability

Split Leather, Cotton
Green XL/10



















#### **A260 OVES DRIVER GLOVE**

EN ISO 21420

EN388:2016 +A1:2018 - 2132X ANSI/ISEA 105: 2016 CUT LEVEL A0

- · Made from high quality durable goat leather
- Breathable leather for use in mild and hot climates
- · Elasticated cuffs for a secure fit
- Classic leather driver
- · Leather palm greatly improves durability
- Durable leather

Coatskin

Grey M/8-XXL/11



ANSI/ ISEA 105: 2016





#### **A250 TERGSUS GLOVE**

**EN ISO 21420** 

EN388:2016 +A1:2018 - 3142X



- Made from high quality durable goat leather
- Cotton backing for breathability
- Hook and loop strap for safe and secure fit
- · Suitable for light industrial applications
- Leather palm greatly improves durability
- · Reinforced panels in high wear areas for maximum durability



Goatskin, Cotton Yellow L/9, Blue M/8, Orange S/7, Red XL/10, Black XXL/11







#### **A270** CLASSIC DRIVER GLOVE

EN ISO 21420

EN388:2016 +A1:2018 - 3142X

ANSI/ISEA 105: 2016 ABRASION LEVEL 2



- Premium full grain cow leather
- Breathable leather for use in mild and hot climates
- Classic leather driver
  - · Superb abrasion and tear resistance · Increased puncture resistance properties
  - · Durable leather

Cow Grain Leather Tan L/9,XL/10



ANSI/ 105: 2016





#### **A271** LINED DRIVER GLOVE



EN388:2016 +A1:2018 - 3243X EN 511 22X **ANSI/ISEA 105: 2016 CUT LEVEL A2** 



- · Premium full grain cow leather
- · Inner soft Insulatex lining offering warmth and comfort
- · Classic leather driver
- · Superb abrasion and tear resistance
- Increased puncture resistance properties
- Durable leather

Cow Grain Leather, Insulatex Tan L/9,XL/10

EN 388 (止)















PORTWEST

2- A260

ANSI 3 (II) PARTIES

CES

9 L









# PROTECTION AGAINST CONDUCTIVE COLD DOWN TO -50 DEGREES CELSIUS



When cold thermal hazards are present, the hands' motor skills can be greatly reduced, this leads to increased risk of accidents and injury. Specially designed thermal protective gloves are available to combat these dangers in hazardous environments.

#### **EXCEPTIONAL PROTECTION IN EXTREME COLD CONDITIONS**

The European Standard EN 511 specifies the requirements and test methods for gloves which protect against conductive cold down to -50 degrees Celsius. This cold can be linked to the climate conditions or an industrial activity.

COLD PROTECTION STYLES

- Specially designed for use in extreme cold environments
- **☑** Cold protection to -50° Celsius
- Available in a range of coatings for grip in dry, wet and oily conditions



#### **COLD AND HEAT PROTECTION**



#### A146



#### **ARCTIC WINTER GLOVE**

EN ISO 21420 DEXTERITY 3 EN388:2016 +A1:2018 - 4242X EN 407 X2XXXX EN 511 X2X

**ANSI/ISEA 105: 2016 CUT LEVEL A2** 



- Specially designed for use in cold conditions
- · Flexible sandy nitrile coating offers great grip in wet and dry conditions
- 3/4 dipped for increased protection
- Twin liner traps in heat through increased insulation
- 15 gauge liner for extra dexterity
- Breathable seamless liner

Nylon, Acrylic, Nitrile Sandy
Black L/9-XXL/11, Yellow M/8-XXL/11







ANSI/ ISEA 105: 2016









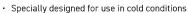


#### A140



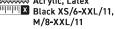
**EN ISO 21420 DEXTERITY 4** EN388:2016 +A1:2018 - 1141X EN 511 X1X ANSI/ISEA 105: 2016 CUT LEVEL A1





- · Palm dipped to increase dexterity and ventilation
- · Crinkle latex grip offers excellent grip
- Warm 10 gauge acrylic liner for cold protection
- Breathable seamless liner
- Ergonomically designed for comfort and ease of use

Acrylic, Latex Black XS/6-XXL/11, Orange/Black





















#### **A143** THERMAL SOFT GRIP GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 2142X EN 511 X1X



- · Specially designed for use in cold conditions
- Latex foam coating for excellent grip in wet and dry conditions
- · Palm dipped to increase dexterity and ventilation
- Tough 10 gauge liner
- Breathable seamless liner
- Ergonomically designed for comfort and ease of use

Acrylic, Foam Latex
Yellow/Black M/8-XL/10















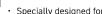






EN ISO 21420 EN388:2016 +A1:2018 - 2231X EN 511 X2X **ANSI/ISEA 105: 2016 CUT LEVEL A2** 







- Specially designed for use in cold conditions
- Crinkle latex grip offers excellent grip
- Palm dipped to increase dexterity and ventilation
- Fully dipped thumb for increased coverage
- Warm 7 gauge acrylic liner for extreme cold protection
- · Breathable seamless liner

Latex, Acrylic, Polyester, Elastic

Orange/Blue M/8-XXL/11, Yellow/Blue M/8-XXL/11





ANSI/ ISEA 105: 2016







#### A185 DUO-THERM GLOVE



EN388:2016 +A1:2018 - 1131X



AS/NZS 2161 .3 AS/NZS 2161 .2

AS/NZS 2161 .5



- · Specially designed for use in cold conditions
- · Double dipping for maximum liquid repellency
- Crinkle latex grip offers excellent grip
- · Warm 7 gauge acrylic liner for extreme cold protection
- · Breathable seamless liner

🎞 Polyester, Latex

XXL/11

· Low linting construction for minimal contamination

























#### **A280** WINTERSHIELD GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 1121X EN 511 22X



- · Specially designed for use in cold conditions
- Fleece lining for added warmth and comfort
- · Leather palm greatly improves durability
- Designed with a comfort fit
- · Incredibly durable and hardwearing
- · Ergonomically designed for comfort and ease of use

Synthetic Leather, Fleece
Black/Orange M/8-XL/10

















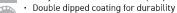


EN ISO 21420 EN388:2016 +A1:2018 - 4231X EN 511 11X





- Fully coated for maximum liquid protection



- Prevents grease, oil and water penetration
- 12 gauge liner for dexterity
- · Knitted cuff for comfort and warmth
- Suitable for any work area where oil and grease resistance is a priority

PVC, Foam, Cotton
Orange XL/10



















EN ISO 21420 DEXTERITY 1 EN388:2016 +A1:2018 - 3143X EN 511 32X



- · Specially designed for use in cold conditions
- Knitted cuff for comfort and warmth
- · Premium full grain cow leather
- · Lined for added warmth and comfort
- · Inner soft Insulatex lining offering warmth and comfort
- · Wrist support and protection

Cow Grain Leather, Cotton, Insulatex
Tan L/9,XL/10



















#### **A751** APACHA COLD STORE GLOVE

**EN ISO 21420** EN388:2016 +A1:2018 - 3544X EN 511 33X



- Specially designed for use in cold conditions
- · Inner soft Insulatex lining offering warmth and comfort
- Waterproof keeping the wearer dry and protected from the elements
- Knitted cuff for comfort and warmth
- Textured pattern for enhanced grip
- · Leather palm greatly improves durability

Neoprene, Insulatex, Nylon, Waterproof Membrane, Leather Black L/9-XXL/11





FOR USE IN COLD STORE OR HARSH **ENVIRONMENTS** 













#### **AP01** THERMO PRO GLOVE

EN ISO 21420 DEXTERITY 5

EN388:2016 +A1:2018 - 2132X EN 511 X3X **ANSI/ISEA 105: 2016 CUT LEVEL A3** 



- · Fully coated for maximum liquid protection
- Specially designed for use in cold conditions
- 13 gauge liner for a perfect fit
  - Latex foam coating for excellent grip in wet and dry conditions
  - Superb abrasion and tear resistance
  - Ergonomic design to reduce hand fatigue

Brushed Acrylic, Latex, Latex Foam Blue/Black S/7-XXL/11





ANSI/ ISEA 105: 2016











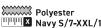
#### **A115** THERMAL LINER

CE CAT 1

- 13 gauge liner for a perfect fit
- Breathable seamless liner
- · Low linting construction for minimal contamination
- · Provides insulation and thermal protection
- Performs well in dry conditions



**■■■■** Navy S/7-XXL/11











# PROTECTING SENSITIVE COMPONENTS AND MATERIALS



Designed to dissipate static electricity, the Portwest ESD glove range has been tested to EN16350, a glove specific standard, to ensure protection of electronic devices from the risk of damage by electrostatic phenomena and static charge. Ideal for use in electrical component manufacturing.

#### SUPERB ANTI-STATIC PROTECTION

A build up of electrostatic discharge (ESD) can damage sensitive electronic component. This collection of gloves offer protection by preventing the static charge build up, protecting the worker and the environment.

ESD PROTECTION STYLES

- **☑** Designed for use where electrostatic discharge is essential
- ✓ Anti-static for protection of sensitive components
  - **☑** Options suitable for precision handling









#### **MR13 ESD PU FINGERTIP GLOVE - 12 PACK**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 1X4XC EN 16350:2014 IEC 61340-5-1



- Level C cut resistance
- 13 gauge liner for a perfect fit
- Suitable for use in ESD environments
- Fingertip dipped for precision handling and maximum ventilation
- Anti-static
- · This glove can be used with most mobile touchscreen devices

Polyester, Steel Fibre, Carbon Fibre,

Grey/White XS/6-XXL/11







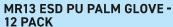








#### A699



EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4X42C EN 16350:2014



#### IEC 61340-5-1

- Level C cut resistance - Seamless 13 gauge liner
- Suitable for use in ESD environments
- · Reinforced thumb crotch for extra protection and durabilityAnti-static
  - This glove can be used with most mobile touchscreen devices

Polyester, Steel Fibre, Carbon Fibre, PU

Grey/White XS/6-XXL/11





















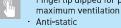


#### **LR13 ESD PU FINGERTIP CUT GLOVE - 12 PACK**

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 2X4XB EN 16350:2014 IEC 61340-5-1



- Level B cut resistance
- Seamless 13 gauge liner
- Suitable for use in ESD environments - Fingertip dipped for precision handling and



· This glove can be used with most mobile touchscreen devices

Polyester, Glass Fibre, Carbon Fibre,

Grey/White XS/6-XXL/11

















#### A697

#### LR13 ESD PU PALM GLOVE - 12 **PACK**



**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 4X42B EN 16350:2014



IEC 61340-5-1



- Level B cut resistance
- · Seamless 13 gauge liner · Suitable for use in ESD environments



- · Palm dipped to increase dexterity and ventilation
- · This glove can be used with most mobile touchscreen devices

Polyester, Glass Fibre, Carbon Fibre, PU Grey/White XS/6-XXL/11























#### **A197** ANTISTATIC SHELL GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 1.1.3.X.X EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1 PASS



• Suitable for use in ESD environments



- This glove can be used with most mobile touchscreen devices
- Retail tag which aids presentation for retail sales
- · Low linting construction for minimal contamination
- 15 gauge liner for extra dexterity

CF certified



Polyester, Carbon Fibre Grey XS/6-XL/10





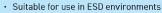


#### **A198** ANTISTATIC PU FINGERTIP GLOVE

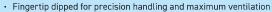
EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 114XX EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -

IEC 61340-5-1 PASS ANSI/ISEA 105: 2016 CUT LEVEL A1









Smooth PU coating for increased abrasion resistance



Breathable seamless liner

Polyester, Carbon Fibre, PU
Grey XXS/5-XXL/11



ANSI/ ISEA 105: 2016





#### **A199** ANTISTATIC PU PALM GLOVE

EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 3121X EN 16350:2014 PASS LEVEL R < 1.0 X 108 Ω -IEC 61340-5-1 PASS ANSI/ISEA 105: 2016 CUT LEVEL A1



- Suitable for use in ESD environments



· Palm dipped to increase dexterity and ventilation

- Smooth PU coating for increased abrasion resistance

• 13 gauge liner for a perfect fit

- Breathable seamless liner

Polyester, Carbon Fibre, PU
Grey XXS/5-XXL/11















# THE ULTIMATE IN WELDING PROTECTION



Higher levels of protection are needed when a worker is dealing with extremely hot temperatures and heated materials. The Portwest Weld range has an expanding selection of hand protection solutions suitable for all welding and thermal risk.

### PROTECTION AGAINST WELDING HAZARDS

Welding protection certified to EN407 and EN12477, the Portwest welding hand protection styles offer outstanding protection when needed most



- **☑** Ideal for welding and metal handling
- **✓** Leather construction for outstanding protection
- **✓** Superb abrasion and tear resistance









#### **ULTRA WELDING GAUNTLET**

EN ISO 21420 DEXTERITY 2 EN388:2016 +A1:2018 - 4243X **EN 12477 TYPE A** EN 407 412X4X **ANSI/ISEA 105: 2016 CUT LEVEL A2** 

- EN12477 Type A welding protection
- Premium quality leather welding gauntlet
- · Reinforced palm and thumb area
- Reinforced aramid stitching for maximum durability and burn protection
- Fleece lining for added warmth and comfort
- · Reinforcement stitching on palms and

Leather, Split Leather, Aramid

Brown L/9-XXL/11

FLEECE LINED









ANSI/ ISEA 105: 2016











#### A521



#### **TIG ULTRA WELDING GAUNTLET**



**EN ISO 21420 DEXTERITY 2** EN388:2016 +A1:2018 - 3243X **EN 12477 TYPE A** FN 407 412X4X ANSI/ISEA 105: 2016 CUT LEVEL A2

- EN12477 Type A welding protection
- Premium quality leather welding gauntlet
- The ultimate in dexterity for welders
- Made from high quality durable goat leather
   Reinforced aramid stitching for maximum durability and burn protection
- · Ideal for welding and metal handling



Goatskin, Split Leather, Para-Aramid
Brown L/9-XXL/11





















### ADDITIONAL WELDING PROTECTION STYLES 370



#### A530



#### REINFORCED WELDING **GAUNTLET**

EN ISO 21420 EN388:2016 +A1:2018 - 4243X **EN 12477 TYPE A** FN 407 413X3X ANSI/ISEA 105: 2016 CUT LEVEL A2

- EN12477 Type A welding protection
- Premium quality leather welding gauntlet
- Reinforced palm and thumb area
- Para-Aramid stitching throughout for extra durability
- · Superb abrasion and tear resistance
- · Ideal for welding and metal handling

Cow Split Leather, Para-Aramid Brown XL/10,3XL/12







ANSI/ 105: 2016









#### A531

#### REINFORCED WINTER **WELDING GAUNTLET**

EN ISO 21420 EN388:2016 +A1:2018 - 4243X **EN 12477 TYPE A** EN 407 413X3X EN 511 14X

ANSI/ISEA 105: 2016 CUT LEVEL A2

- EN12477 Type A welding protection
- Premium quality leather welding gauntlet
- Reinforced aramid stitching for maximum durability and burn protection
- · Fleece lining for added warmth and comfort
- 14 inch cow split leather gauntlet
- · Ideal for welding and metal handling

Split Leather, Fleece, Aramid Brown XL/10





























#### **WELDERS GAUNTLET**

EN ISO 21420 EN388:2016 +A1:2018 - 3243X **EN 12477 TYPE A** EN 407 413244 **ANSI/ISEA 105: 2016 CUT LEVEL A2** 

- EN12477 Type A welding protectionFully lined with soft and comfortable cotton
- 14 inch cow split leather gauntlet
- Maximum EN407 burn behaviour resistance
- $\cdot\,$  Ideal for welding and metal handling
- · Durable leather

Cow Split Leather, Cotton Red XL/10,3XL/12

### **BEST FOR QUALITY AND VALUE**







ANSI/ ISEA 105: 2016









#### A510



#### **WELDERS GAUNTLET**

EN ISO 21420 EN388:2016 +A1:2018 - 3243X **EN 12477 TYPE A ANSI/ISEA 105: 2016 CUT LEVEL A2** 

- EN12477 Type A welding protection
- Fully lined with soft and comfortable cotton
- 14 inch cow split leather gauntlet
- Maximum EN407 burn behaviour resistance
- · Ideal for welding and metal handling
- Durable leather

Cow Split Leather, Cotton























#### EN ISO 21420 EN388:2016 +A1:2018 - 4243X

**EN 12477 TYPE A** 

- EN12477 Type A welding protection
- FR aramid thread for extra durability and protection

WINTER WELDING GAUNTLET

- Fleece lining for added warmth and comfort
- 14 inch cow split leather gauntlet
- Maximum EN407 burn behaviour resistance
- · Ideal for welding and metal handling

Leather, Fleece, Aramid Red XL/10

### **DESIGNED FOR COLD CONDITIONS**

























#### A520





EN ISO 21420 EN388:2016 +A1:2018 - 2122X **EN 12477 TYPE B** EN 407 413X3X

- EN12477 Type B welding protection
- Para-Aramid stitching throughout for extra durability
- · Soft, flexible goatskin palm with heavy duty split leather cuff
- · Ideal for welding and metal handling
- · Excellent for jobs requiring high dexterity
- Wrist support and protection

Goatskin, Cow Split Leather, Para-Aramid Grey L/9-XXL/11

### **DESIGNED FOR TIG WELDING**













# PROTECTION IN HAZARDOUS ENVIRONMENTS



The Portwest chemical glove collection has been developed to offer outstanding protection against 80+ common chemical hazards. Tested to EN 388 and EN 374 safety standards, this enhanced collection has been constructed using latex, neoprene and nitrile materials to ensure outstanding protection from the most commonly used chemicals in industry.

CHEMICAL PROTECTION STYLES

- ☑ Protection against 80+ chemical hazards
- Constructed using latex, neoprene and nitrile materials for outstanding protection
- ✓ Multiple thicknesses and length options to suit a variety of end uses

#### CHEMICAL PROTECTION GLOVES SELECTION GUIDE

Use the Portwest Enhanced Chemical Protection Guide to help you to select the best chemical protection for the task at hand. Find the perfect chemical protection glove to suit your application with this two-step guide:

**Step 1.** Identify the chemical you are using in the Enhanced Chemical Protection Guide table.

**Step 2.** Use the colour coded key to identify the gloves that offer the best level of protection.

| Enhanced Chemical Protection Guide |           | AP60              | A827      | A835      | A845      | A881      | A882      | <b>A810</b>       |
|------------------------------------|-----------|-------------------|-----------|-----------|-----------|-----------|-----------|-------------------|
|                                    |           | Nitrile<br>Rubber | PVC       | PVC       | PVC       | PVC       | PVC       | Nitrile<br>Rubber |
| Chemical Name                      | CAS NO    | CE Rating         | CE Rating | CE Rating | CE Rating | CE Rating | CE Rating | CE Rating         |
| Methanol                           | 67-56-1   | 3                 |           |           |           |           | 2         |                   |
| n-Heptane                          | 142-82-5  | 6                 | 2         | 2         | 2         | 2         | 2         | 6                 |
| Sodium Hydroxide, 40%              | 1310-73-2 | 6                 | 6         | 6         | 6         | 6         | 6         | 6                 |
| Sulphuric Acid, 96%                | 7664-93-9 | 3                 | 5         | 5         | 5         | 4         | 4         | 3                 |

| <b>Enhanced Chemical</b>                |              | A801            | A802            | A803            | A812              | A813              | A814              | A820               |
|---|--------------|-----------------|-----------------|-----------------|-------------------|-------------------|-------------------|--------------------|
| Protection 6                            | fuide        | Latex<br>Rubber | Latex<br>Rubber | Latex<br>Rubber | Nitrile<br>Rubber | Nitrile<br>Rubber | Nitrile<br>Rubber | Neoprene<br>Rubber |
| Chemical Name                           | CAS NO       | CE Rating       | CE Rating       | CE Rating       | CE Rating         | CE Rating         | CE Rating         | CE Rating          |
| Acetic Acid - Glacial                   | 64-19-7      | 5               | 5               | 5               | 3                 | 2                 | 2                 | 5                  |
| Acetic Acid, 10%                        | 64-19-7      |                 | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Acetic Acid, 20%                        | 64-19-7      |                 | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Acetic Acid, 25%                        | 64-19-7      |                 | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Acetone                                 | 67-64-1      | 0               | 1               | 1               | 0                 |                   |                   | 0                  |
| Acetonitrile                            | 75-05-8      |                 |                 |                 | 0                 | 1                 |                   |                    |
| Ammonium Fluoride 40%                   | 12125-01-8   |                 |                 |                 | 6                 |                   | _                 |                    |
| Ammonium Hydroxide 25%                  | 1336-21-6    | 1               | 3               | 3               | 6                 | 6                 | 3                 | 3                  |
| Amyl Acetate                            | 628-63-7     |                 |                 |                 | 3                 |                   |                   |                    |
| Amyl Alcohol                            | 71-41-0      |                 |                 |                 | 6                 |                   |                   | -                  |
| Aniline                                 | 62-53-3      |                 |                 |                 |                   |                   |                   | 6                  |
| Aqua Regia                              |              |                 |                 |                 | 6                 |                   |                   | _                  |
| Butanol                                 | 71-36-3      | 6               | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Butyl Acetate                           | 123-86-4     | 6               |                 |                 |                   |                   |                   |                    |
| Carbon Disulphide                       |              |                 |                 |                 | 0                 | 1                 |                   |                    |
| Carbon Tetrachloride                    | 56-23-5      |                 |                 |                 | 5                 |                   |                   |                    |
| Cellosolve Acetate 99%                  | 111-15-9     |                 |                 |                 | 3                 |                   |                   |                    |
| Cellusolve Solvent                      | 110-80-5     |                 |                 |                 | 4                 |                   |                   |                    |
| Citric Acid 10%                         | 64-19-7      |                 |                 |                 | 6                 |                   |                   |                    |
| Cyclohexane                             | 110-82-7     |                 | 3               | 3               | 6                 | 6                 |                   | 4                  |
| Cyclohexanol                            | 108-93-0     |                 |                 |                 | 6                 |                   |                   |                    |
| Cyclohexanone                           | 108-94-1     | 0               | 5               | 5               |                   | 3                 |                   | 3                  |
| Diacetone Alcohol 99%                   | 123.42-2     |                 |                 |                 | 5                 |                   |                   |                    |
| Dichloromethane                         | 75-09-2      | 0               | 0               | 0               | 0                 | 0                 |                   | 0                  |
| Diethanolamine                          | 111-42-2     |                 |                 |                 | 6                 |                   |                   |                    |
| Diethyl Amine                           | 109-89-7     | 0               |                 |                 |                   | 2                 |                   | 0                  |
| Di-isobutyl ketone                      | 108-83-8     |                 |                 |                 | 6                 |                   |                   |                    |
| Dimethyl sulphoxide                     |              |                 |                 |                 | 2                 |                   |                   |                    |
| Dimethylformamide                       | 68-12-2      |                 |                 |                 |                   |                   |                   | 6                  |
| Ethanol 96%                             | 64-17-5      |                 |                 |                 | 0                 | 6                 |                   | 6                  |
| Ethanol, absolute                       | 64-17-5      | 6               | 6               | 6               | 5                 | 6                 |                   | 6                  |
| Ethyl latate                            | 141-78-6     | 0               | 1               | 1               | 0                 | 1                 |                   | 0                  |
| Ethyl Lactate                           | 97-64-3      |                 |                 |                 |                   | 6                 |                   | 6                  |
| Ethylether                              | 60-29-7      |                 |                 |                 | 6                 | 1                 |                   |                    |
| Formaldehyde, 37%                       |              | 6               | 6               | 6               | 6                 | 6                 | 6                 | 6                  |
| Formic Acid, 95%                        | 64-19-7      |                 | _               | _               | 2                 |                   |                   |                    |
| Freon 99.7%                             | 75-69-4      |                 |                 |                 | 6                 |                   |                   |                    |
| Furfural                                |              |                 |                 |                 |                   |                   |                   | 6                  |
| Hexamethyl disilazane 99%               | 1049738-54-6 |                 |                 |                 | 6                 |                   |                   |                    |
| Hydrochloric Acid, 10%                  | 7647-01-0    |                 | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Hydrochloric Acid, 37%                  | 7647-01-0    |                 |                 |                 | 6                 | 3                 |                   | 6                  |
| Hydrochloric Acid, 40%                  | 7664-39-3    | 6               |                 |                 | , i               | 5                 |                   | 6                  |
| Hydrogen peroxide, 30%                  | 7722-84-1    | 6               | 6               | 6               | 6                 | 6                 | 6                 | 6                  |
| Iso Propyl Alcohol (Propan-2-ol)        | 67-63-0      | 6               | 6               | 6               | 6                 | 6                 | Ť                 | 6                  |
| sobutyl alcohol 99%                     | 78-83-1      |                 |                 |                 | 6                 |                   |                   | -                  |
| Isooctane                               | 540-84-1     |                 |                 |                 | 6                 |                   |                   |                    |
| Kerosene                                | 64742-81-0   |                 |                 |                 | 6                 |                   |                   |                    |
| Methanol                                | 67-56-1      | 2               | 6               | 6               | 2                 | 3                 |                   | 3                  |
| Methilamine                             | 74-89-5      | _               | - U             |                 | 6                 |                   |                   |                    |
| Methyl Cellosolve                       | 109-86-4     |                 |                 |                 | 6                 |                   |                   |                    |
| Methyl ethyl ketone                     | 78-93-3      | 0               | 5               | 5               | 0                 | 1                 |                   | 0                  |
| Methyl Propyl ketone                    | 107-87-9     | U               | 4               | 4               | 0                 | 1                 |                   | 2                  |
| Methyl t-butyl ether                    | 1624-04-4    |                 | 4               | 4               | 4                 | '                 |                   |                    |
| n-Hexane                                | 110-54-3     |                 |                 |                 |                   |                   |                   | 6                  |
| n-Heptane                               | 142-82-5     | n               | 0               | n .             | 6                 | 6                 | 6                 | 1                  |
| Naptha solvent                          | 64742-94-5   | - 0             | •               | -               | 0                 |                   |                   |                    |
| Naptria Solvent<br>Nitric Acid 10%      | 7697-37-2    | 6               | 6               | 6               | 6                 | 6                 |                   | 6                  |
|   | 7697-37-2    |                 |                 |                 | 0                 |                   |                   |                    |
| Nitric Acid, 40%<br>Nitric Acid, 65%    | 7697-37-2    | <u>6</u><br>5   | 6               | 6               | 2                 | 3                 | 2                 | 6                  |
| Nitric Acid, 65%<br>Nitromethane        | 75-52-5      | J               | 0               | 0               | Z                 | 3                 | Z                 | 6                  |
| Nitrometnane<br>Octyl alcohol           | 111-87-5     | <b>-</b>        |                 |                 |                   |                   |                   | 6                  |
|   | 7664-38-2    |                 | ,               | ,               |                   | ,                 |                   |                    |
| Ortho Phosphoric Acid Oxalic Acid 12.5% |              | -               | 6               | 6               | - /               | 6                 |                   | 6                  |
|   | 64-19-7      | -               |                 |                 | 6                 |                   |                   |                    |
| Pentane 98%                             | 109-66-0     |                 |                 |                 | 6                 |                   |                   |                    |
| Petroleum Ether                         | 8032-32-4    |                 |                 |                 | 6                 |                   |                   |                    |
| Phenol                                  | 108-95-2     |                 |                 |                 |                   |                   |                   | 6                  |
| Phosphoric Acid, 85%                    | 7664-38-2    |                 | 6               | 6               |                   | 6                 |                   | 6                  |
| Pottasium Hydroxide, 50%                | 1310-58-3    | 6               | 6               | 6               | 6                 | 6                 | 6                 | 6                  |
| Propan - 1 - ol                         | 71-23-8      |                 | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Propyl Acetate                          | 109-60-4     |                 | 3               | 3               |                   | 3                 |                   | 2                  |
| Rapeseed Oil                            | 8002-13-9    |                 |                 |                 | 0                 |                   |                   |                    |
| Sodium Hydroxide, 40%                   | 1310-73-2    | 6               | 6               | 6               | 6                 | 6                 | 6                 | 6                  |
| Sodium Hydroxide, 50%                   | 1310-73-2    | 6               | 6               | 6               | 6                 | 6                 | 6                 | 6                  |
| Sodium Hypochlorite                     | 7681-52-9    |                 |                 |                 |                   | 6                 |                   | 6                  |
| Sodium Hyroxide, 20%                    | 1310-73-2    | 6               | 6               | 6               | 6                 | 6                 | 6                 | 6                  |
| Sodium Silicate                         | 1344-09-8    |                 |                 |                 |                   | 6                 |                   |                    |
| Stoddad Solvent                         | 8051-41-3    |                 |                 |                 | 6                 |                   |                   |                    |
| Sulphuric Acid, 40%                     | 7664-93-9    |                 | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Sulphuric Acid, 50%                     | 7664-93-9    |                 | 6               | 6               | 6                 | 6                 |                   | 6                  |
| Sulphuric Acid, 96%                     | 7664-93-9    | 3               | 4               | 4               | 3                 | 5                 | 2                 | 4                  |
| Fannic Acid 37.5%                       | 64-19-7      |                 |                 |                 | 6                 |                   |                   |                    |
| Tetrachloroethylene                     | 127-18-4     |                 |                 |                 | 6                 |                   |                   |                    |
| Thinner                                 |              | Х               |                 |                 |                   | 1                 |                   | 1                  |
| Toluene                                 | 108-88-3     | 0               | 1               | 1               | 1                 | 1                 |                   | 0                  |
| Turpentine                              | 8006-64-2    |                 |                 |                 | 6                 |                   |                   |                    |
| White Spirit                            | 64742-88-7   |                 |                 |                 | 6                 |                   |                   |                    |
| Xylene                                  | 1330-20-7    | Ο               | 4               | 4               | 1                 | 4                 |                   | 0                  |
|   | .555 25 /    | -               | -               | -               |                   | -                 |                   |                    |

| Key |                           |
|-----|---------------------------|
|     | Not Recommended           |
|     | Limited Splash Protection |
|     | Splash Protection         |
|     | Short Term Exposure       |
|     | Medium Term Exposure      |
|     | Good Protection           |
|     | Excellent Protection      |

| CE Rating | Breakthrough Time (mins) |  |  |  |
|-----------|--------------------------|--|--|--|
| 0         | 0 - 10 mins              |  |  |  |
| 1         | 10 - 30 mins             |  |  |  |
| 2         | 30 - 60 mins             |  |  |  |
| 3         | 60 - 120 mins            |  |  |  |
| 4         | 120 - 240 mins           |  |  |  |
| 5         | 240 - 480 mins           |  |  |  |
| 6         | >480 mins                |  |  |  |

## Protection Against 87+ Chemical Hazards







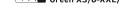
#### NITROSAFE PLUS CHEMICAL **GAUNTLET**

EN ISO 21420 EN388:2016 +A1:2018 - 3101X EN ISO 374-1:2016 TYPE A AFJKLMNOPT EN ISO 374-5 MICRO ORGANISMS PASS



- · Silicone free Ideal for manufacturing, paint applications, electronics and glass handling where silicone is problematic
- Suitable for use in chemical, oil and food industries
- · Textured pattern for enhanced grip
- Flock lined for added comfort
- 0.38mm thickness
- · 330mm length

Cotton, Nitrile
Green XS/6-XXL/11



























### **EXTRA LONG FOR EXTRA PROTECTION**



#### A813

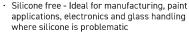


#### **EXTENDED LENGTH NITRILE GAUNTLET**



**EN ISO 21420** EN388:2016 +A1:2018 - 4102X EN ISO 374-1:2016 TYPE A AGJKLMNOPST EN ISO 374-5 MICRO ORGANISMS





- Textured pattern for enhanced grip
- · Suitable for use in chemical, oil and food industries
- Approved for safe food handling
- 0.55mm thickness
- · 480mm length

Nitrile
Green M/8-XXL/11





























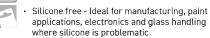
#### FOOD APPROVED NITRILE **GAUNTLET**



EN ISO 21420

EN388:2016 +A1:2018 - 3001X EN ISO 374-1:2016 TYPE A JKLMNOP EN ISO 374-5 MICRO ORGANISMS PASS





- Suitable for use in chemical, oil and food industries
- 100% latex free
- Textured pattern for enhanced grip
- 0.28mm thickness
- · 330mm length



**IDEAL FOR FOOD PRODUCTION** 

























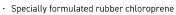
## A820

#### **NEOPRENE CHEMICAL GAUNTLET**



EN ISO 21420 EN388:2016 +A1:2018 - 3110X EN ISO 374-1:2016 TYPE A AKLMNOPST EN ISO 374-5 MICRO ORGANISMS PASS





- Textured pattern for enhanced grip
- Chemical resistant gauntlet
- · Retail tag which aids presentation for retail sales
- 0.78mm thickness
- 380mm length



Cotton, Neoprene
Black S/7-XL/10

#### **PROTECTION AGAINST ACIDS CAUSTICS AND ALCOHOLS**

























#### **A801** DOUBLE DIPPED LATEX GAUNTLET

EN ISO 21420

EN388:2016 +A1:2018 - 1010X EN ISO 374-1:2016 TYPE A AKLMNPST **EN ISO 374-5 MICRO ORGANISMS PASS** 

- Dual latex coating for additional protection in tough conditions
- Flock lined for added comfort
  - Chemical resistant gauntlet
  - · Retail tag which aids presentation for retail sales
  - 0.45mm thickness
  - · 300mm length

Cotton, Latex
Yellow/Blue S/7-XL/10















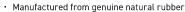




**EN ISO 21420** 

EN388:2016 +A1:2018 - 4121X EN ISO 374-1:2016 TYPE A AKLMNOPT **EN ISO 374-5 MICRO ORGANISMS PASS** 







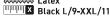


- Retail tag which aids presentation for retail sales

1.1mm thickness

· 440mm length

Catex



















#### **A803** HEAVYWEIGHT LATEX RUBBER GAUNTLET **600MM**



EN ISO 21420 EN388:2016 +A1:2018 - 4121X EN ISO 374-1:2016 TYPE A AKLMNOPT EN ISO 374-5 MICRO ORGANISMS PASS



- · Manufactured from genuine natural rubber
- Chemical resistant gauntlet
- · Suitable for use in chemical, oil and food industries
- Retail tag which aids presentation for retail sales
- 1.3mm thickness
- 600mm length

































#### MARINE ULTRA PVC CHEM **GAUNTLET**



EN388:2016 +A1:2018 - 4121X EN ISO 374-1:2016 TYPE B AJKL EN ISO 374-5 MICRO ORGANISMS PASS



- Double dipped PVC gauntlet with sandy palm finish for enhanced grip
- REACH compliant PVC coating
- Phthalate Free
- · Chemical resistant gauntlet
- 1.45mm thickness
- 300mm length

Cotton, PVC, PVC Sandy ||||||||||**|** Blue S/7-XXL/11





















#### A882



#### **ESD PVC CHEMICAL GAUNTLET EN ISO 21420 DEXTERITY 5**



EN388:2016 +A1:2018 - 4121X EN ISO 374-1:2016 TYPE B AKL **EN ISO 374-5 MICRO ORGANISMS PASS** EN 16350:2014 PASS LEVEL R < 1.0 X 108  $\Omega$  -IEC 61340-5-1 PASS



- Suitable for use in ESD environments
- Double dipped PVC gauntlet with sandy palm finish for enhanced grip
- Flock lined for added comfort
- Phthalate Free
- 1.5mm thickness
- 300mm length

Cotton, Steel Fibre, PVC, PVC Sandy Black S/7-XXL/11

### **ESD PROTECTION**



























#### AP60

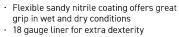


EN ISO 21420 DEXTERITY 5 EN388:2016 +A1:2018 - 4121X EN ISO 374-1:2016 TYPE B AJKL EN ISO 374-5 MICRO ORGANISMS PASS

**SANDY GRIP LITE GAUNTLET** 







- Lightweight and comfortable

- Chemical resistant gauntlet
- 1.3mm thickness
- · 300mm length

Nylon, Nitrile, Nitrile Sandy
Blue/Black M/8-XXL/11

#### **EXTRA DEXTERITY**























#### A810



**GAUNTLET EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 3101X









- Textured pattern for enhanced grip
- Chemical resistant gauntlet
- Retail tag which aids presentation for retail sales
- 0.40mm thickness
- · 320mm length

Cotton, Nitrile
Green S/7-XXL/11

#### **TEXTURED PALM**



764

































**A827** DOUBLE DIPPED PVC GAUNTLET 27CM



**A835** DOUBLE DIPPED PVC GAUNTLET 35CM



**A845** DOUBLE DIPPED PVC GAUNTLET 45CM



**EN ISO 21420 DEXTERITY 5** EN388:2016 +A1:2018 - 3121X EN ISO 374-1:2016 TYPE B JKL **EN ISO 374-5 MICRO ORGANISMS PASS** 



- Double dipped PVC gauntlet with sandy palm finish for enhanced grip
- Jersey lined for extra wearer comfort
- · Phthalate Free
- Chemical resistant gauntlet
- 1.6mm thickness
- Available in 3 lengths, 27cm, 35cm and 45cm

Cotton, PVC
Green XL/10















## **DURABLE CHEMICAL PROTECTION**

**AVAILABLE IN 3 LENGTHS** 



## DISPOSABLE



#### A930



**ORANGE HD DISPOSABLE GLOVE** 

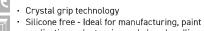
applications, electronics and glass handling

resistant to greases, animal fats and oils

EN ISO 21420 EN 455 PART 1-4 EN ISO 374-1:2016 TYPE C K

where silicone is problematic















- Suited for food processing plants and

• 100 gloves per box

- Three times stronger than standard nitrile - 7mil / 0.18mm thickness for exceptional

strength

Nitrile
Orange M/8-XL/10













(240 PAIRS)

A800



















- · Prevents grease, oil and water penetration
- Textured pattern for enhanced grip - Flock lined for added comfort

**HOUSEHOLD LATEX GLOVE** 

- Oil and water resistant
- Sold in cartons of 240 pairs
- This product is sold in carton qty's



Latex
Yellow M/8-XL/10

## **IDEAL FOR JANITORIAL AND CLEANING USE**









# ♥ FOODSAFE



#### **A925** POWDER FREE NITRILE **DISPOSABLE GLOVE**

**EN ISO 21420 DEXTERITY 5 EN ISO 374-1:2016 TYPE B KPT** EN 455 PART 1 & 2

- Suited for food processing plants and resistant to greases, animal fats and oils
- Disposable nitrile gloves eliminate the risk of allergic reaction associated with latex gloves





#### 0.07MM **THICKNESS**







#### **A910 POWDERED LATEX DISPOSABLE GLOVE**

EN ISO 21420 DEXTERITY 5

CE CAT 1

· GMO Free

CCCCC Latex

White M/8-XL/10





## **A915** POWDER FREE LATEX DISPOSABLE GLOVE

**EN ISO 21420 DEXTERITY 5** 

CE CAT 1

White M/8-XL/10







#### **A900** POWDERED VINYL DISPOSABLE GLOVE

EN ISO 21420 DEXTERITY 5 CE CAT 1

- · Phthalate Free
- GMO Free
- Suited for food processing plants and resistant to greases, animal fats and oils

PVC

Clear M/8-XL/10





## **A905** POWDER FREE VINYL DISPOSABLE

EN ISO 21420 DEXTERITY 5 CE CAT 1

- Manufactured from high grade poly-vinyl chloride
- Smooth and non-textured with a beaded cuff





PVC Clear M/8-XL/10
Blue M/8-XL/10





## DISPOSABLE WORKWEAR

Disposable products, made from high quality materials, perfect for the food industry

The Disposable Workwear range features industry best sellers such as mob caps, overshoes, visitors coats, aprons and coveralls.

PP - POLYPROPYLENE PE - POLYETHYLENE SPP - SPUNBLOWN **POLYPROPYLENE** 

## LIGHTWEIGHT COVERALL





## **COVERALL PP 40G**



- · Lightweight and comfortable
- Elasticated hood, ankles, cuffs and waist
- Front zip opening for easy access
- Available in sizes up to 3XL
- This product is sold in carton qty's

## **DISPOSABLES ACCESSORIES**





#### D300 DISPOSABLE PE BIB APRON

· This product is sold in carton qty's

PE Blue, White 69cm x 107cm





#### D118

#### DISPOSABLE VISITORS COAT PP



· This product is sold in carton qty's

100% Polypropylene, White S-XXL







D100 PP DISPOSABLE MOB CAP

This product is sold in carton qty's

PP Blue, White

49cm





#### D340

#### **DISPOSABLE PE OVERSHOES**



· This product is sold in carton qty's · This product is sold in singles



Polyethylene Blue 40cm

