ELLIOTTS

QUALITY
SAFETY
GEAR

GLOVES

Certified System
Quality
ISO 9001
SAI GLOBAL

50 Years
1966 – 2016

50 years of CARE without Compromise

Dear OH&S Manager,

Elliotts is a successful manufacturer and supplier of quality safety gear throughout Australasian markets.

Our reputation for care has been built over 50 years with a dynamic and positive spirit to do the right thing by our customers, staff and industry that sets us apart from others and drives us to deliver the most innovative safety and care products available. You can be completely confident that everything carrying our name can be relied on to take care, because we have taken the care to get it right.

Our passion for quality and reliable service is matched by world-class partnerships and a never-ending quest for the most innovative safety and care technologies available wherever they are and before you know you need them.

Elliotts quality Personal Protective Clothing (PPC) and Personal Protective Equipment (PPE) are proven on-the-job every day. They are specified routinely for and by workers in metal, petrochemical, mining, emergency services, construction, and other industries where hazards exist.

These reliable and popular products are part of a comprehensive range evolved over time and based on the common foundation of quality and care for which the Elliotts has built its reputation.

Elliotts is a quality endorsed company with many of its products certified to specific standards applying to protective clothing and equipment. This means our customers are guaranteed superior product performance across our entire range. It also means that workers use our products with confidence and peace of mind.

Elliotts quality safety gear allows you to take care in any situation.

Sincerely,

ANTHONY ELLIOTT

Managing Director

2nd Generation Glove Maker

ELLIOTTS QUALITY SAFETY GEAR

Contents

50 Years of Glove Innovation

We are passionate about taking care in everything we do, especially hand protection. Elliotts have a long and proud history in hand protection and have been designing and manufacturing safety gloves since 1966.

Our extensive and continuously evolving range has been driven by our "What's Next?" philosophy. What's next? is the simple question we ask ourselves every day that drives our continued focus on innovation in everything we do.

50 Years 1966 – 2016

In the 1980's we challenged the status quo and totally changed the welding glove market with the introduction of the Big Red and Kevlar Blue. Welders were restricted to wearing either unlined or very basic gloves and buyers were focused on price. In the early 1980's, Elliotts developed both the Big Red and Kevlar Blue, gloves built on a foundation of quality, performance, improved protection and style. At several times the price we were asking people to upgrade from a Model T to a Rolls Royce.

The Big Red and Kevlar Blue welding gloves are now famous in the Australasian welding market and continue to set the benchmark for professional welding gloves.

Our list of firsts and innovations in glove design hasn't stopped there, we are constantly designing new styles and searching for the best possible materials to protect your hands. When it comes to quality and standards, we don't just talk about it we lead by example, our "World Firsts" in certifying gloves now includes 3 AS/NZS glove standards.

Challenging the status quo, listening to our customers, identifying problems and creating solutions. We are not afraid to ask the hard questions and to look beyond current boundaries. We never stop looking for the most innovative products and processes and pioneering new ideas, because anything is possible!

WHAT'S NEXT?

ELLIOTTS QUALITY SAFETY GEAR

Lifting the Standards on Hand Protection

With hand and wrist injuries being the most common work-related injuries it's easy to see why choosing the right hand protection is so important. When safety eyewear, helmets, boots and many more items of PPE MUST be certified to Australian Standards, the question must be, why not gloves?

Certified Product™
AUSTRALIAN STANDARD
AS/NZS 2161:2008

When it comes to lifting the standard on hand protection, Elliotts don't just talk about it, we lead by example.

- In 2011 Elliotts were the first in the world to certify our welding gloves to gloves to AS/NZS 2161.4:1999 (EN407) Protection against thermal risks (heat and fire).
- In 2013 Elliotts were once again the first in the world to certify our G-Flex Technical Gloves and our Mec-Flex Mechanics gloves to AS/NZS 2161.3:2005 (EN388) Protection against mechanical risks.
- In 2016 Elliotts were again the first in the world to certify our ChemVex Chemical Gloves and our Mec-Flex Mechanics gloves to AS/NZS 2161.3:2005 (EN388) Protection against mechanical risks.

Compliant vs Certified - What's the difference?

Product Certification is referred to as "an activity by which a third party gives written assurance that a product (including process and service) fulfils specified requirements". Safety products which have been certified are clearly identifiable by the trademarked logo of the certification body, eg. the SAI Global '5 ticks' Standards mark and the associated AS/NZS standards information. Safety products that do not clearly show these Trademarks are likely to be "Uncertified".

Safety products claiming "compliance" to a standard, or that a product is "manufactured to meet the requirements" of a standard are not the same as "Certified".

For a product to be "certified" to a standard, the manufacturer has to engage an independent certification body such as SAI Global and satisfy an extensive list of requirements including:

Type testing of product samples	This testing must be conducted by an approved accredited independent third party testing laboratory.
On-site factory assessment	The manufacturing facility must undergo an on-site factory assessment of the manufacturing processes.
Annual Factory Surveillance Audits	The manufacturing facility must undergo an annual factory surveillance audit to ensure that maintenance of the manufacturing process is occurring.
On-going Type Testing	Product samples must be re-tested on a regular basis by an approved accredited independent third-party testing laboratory.

Why specify certified gloves?

Certification to Australian/ New Zealand Standards (AS/NZS) helps making the choice of which brand of personal protective equipment to choose very simple. It helps you ensure you are getting the very best and safest protection for your workers.

Safety helmets, safety glasses, respiratory and hearing protection, must all be certified to AS/NZS Standards. Employers and Safety Professionals would not specify either one of those products if they were not certified to the appropriate Australian Standard.

By purchasing products that are not made to meet the requirements of a standard increases the risk of both injury to employees and potential prosecution by the relevant safety authority.

Hand and wrist injuries are one of the most common work-related injury sustained in Australia, and cause a significant problem in certain workplaces. Specifying a requirement for certification to AS/NZS Standards for gloves, as industry does for eyewear, hearing and respiratory could help reduce the frequency of hand and wrist injuries.

Glove Standards

Australian and New Zealand Glove Standards

AS/NZS 2161:2008 is the standard that covers occupational protective gloves in Australian and New Zealand. This series of standards ensures the correct gloves are chosen and maintained to provide users with effective protection.

Do Elliotts gloves meet the requirements of Australian Standards for gloves?

Certified Product ™
AUSTRALIAN STANDARD AS/NZS 2161:2008

Elliotts place a great amount of focus on quality and standards, and have lead the way in Australia and New Zealand promoting the need for gloves to be certified to AS/NZS 2161 standards. When it comes to lifting the standard on hand protection, Elliotts don't just talk about it we lead by example.

In 2011 Elliotts were the first in the world to certify our welding gloves to gloves to AS/NZS 2161.4:1999 (EN407) Protection against thermal risks (heat and fire).

In 2013 Elliotts were once again the first in the world to certify our G-Flex Technical Gloves and our Mec-Flex Mechanics gloves to AS/NZS 2161.3:2005 (EN388) Protection against mechanical risks.

In 2016 Elliotts were again the first in the world to certify our ChemVex Chemical Gloves and our Mec-Flex Mechanics gloves to AS/NZS 2161.3:2005 (EN388) Protection against mechanical risks.

Where possible our gloves are **Certified by SAI Global** to **AS/NZS 2161** standards. If the gloves are not certified they are manufactured to meet the requirements of the standards.

What are the Most Common Glove Standards?

AS/NZS 2161.3:2005 (EN388)
Protection against mechanical risks

AS/NZS 2161.4:1999 (EN407)
Protection against thermal risks (heat and fire)

AS/NZS 2161.5:1998 (EN511)
Protection against cold

AS 2161.6-2003 (Wildland only)
Protective gloves for firefighters - Laboratory test methods and performance requirements

AS 2161.6-2014
Protective gloves for structural firefighters - Laboratory test methods and performance requirements

AS/NZS 2161.10.3:2005 (EN 374-3)
Determination of resistance to permeation by chemicals

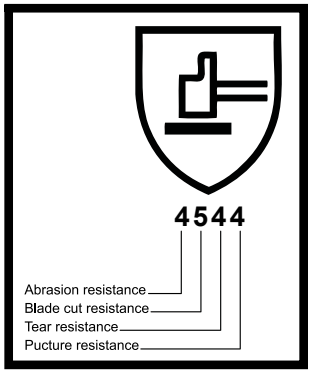
EN 12477
Protective Gloves for Welders

AS/NZS 2161.2:2005 (EN 420) General Requirements

This standard defines the general requirements and relevant test procedures for all protective gloves and is concerned with the following areas:

- glove design and construction,
- resistance of glove materials to water penetration,
- innocuousness,
- comfort and efficiency,
- marking & information supplied by the manufacturer.

AS/NZS 2161.3:2005 - Protection Against Mechanical Risks (EN388)



Mechanical risk is the risk caused by abrasion, blade cut, tear and puncture to the wearer of the glove. A tested item is given a performance rating of 1 to 4 (lowest to highest) on some or all of the listed categories. The 'blade cut resistance' test is an exception as it measures from 1 to 5. Frequently an 'x' will replace one or more of the numbers, this means that the corresponding test was not performed.

The performance values assigned against each test factor correspond approximately to the following values.

TEST	Performance Level				
	1	2	3	4	5
Abrasion resistance (cycles)	100	500	2000	8000	
Blade cut resistance	1.2	2.5	5	10	20
Tear resistance (newtons)	10	25	50	75	
Puncture resistance (newtons)	20	60	100	150	

Abrasion resistance: How well can the material of the glove resist exposure to repeated abrasion.

Blade cut resistance: How well can the material of the glove resist cutting objects.

Tear resistance: What force is needed to enlarge, by tearing a precut hole in the material of the glove. Puncture resistance: What force is needed to puncture the palm of the glove with a calibrated spike.

EN 388:2016 Revision

EN388:2016 Protective Gloves Against Mechanical Risk

EN388:2003 Protective Gloves Against Mechanical Risk the globally recognised standard for protective gloves against mechanical risks has been revised from it's previous 2003 edition to a new 2016 edition.

Testing of resistance to abrasion, tear and puncture are carried out as they were before with minor clarifications to testing procedures and materials. The test results correspond the same way they did in the 2003 version with ratings of 0-4, with 4 being the highest performance level.

The main difference in the 2016 edition is in relation to cut resistance and impact protection. The new version now has two cut resistant methods:

CUT RESISTANCE

Existing Method - (Coup method)

Under the EN 388 glove standard, introduced in 2003, cut resistance is measured with a coup test machine. A section of fabric is placed in a holder and a rotating circular blade is moved back and forth at a constant speed, pressing down with a force of 5 Newtons. When the blade cuts through, a performance rating from 1 to 5 is calculated from the total distance of travel. The blade gradually loses sharpness, so at the start and finish it is calibrated using cotton fabric. Therefore, the result can be less accurate for gloves with a higher cut-resistance.

This test method remains in the 2016 version but is only to be used for materials that do not affect the sharpness of the blade.

New Method - EN ISO 13997 (TDM method)

TDM is an abbreviation for the equipment used to conduct this test, a tomodynamometer. This test involves a straight blade being drawn across the sample in one movement, with a new blade every time. The 'stroke length' before cut-through is recorded for a range of forces and graphs plotted to predict the force required to cut through the glove in 20mm of travel. This force is used to calculate a score from A to F, with F being the highest rating.

IMPACT PROTECTION

Impact verification has been added to EN 388: 2016. The test method is taken from the motor cycle standard EN 13594:2015. The area where the impact protection is claimed to be tested, but due to technical reasons, the area around the fingers cannot be tested.

With an impact energy of 5 joule, the transmitted force should be equal or less than 9kN for a single hit and average should be equal or less than 7kN.

If the requirements are fulfilled, the glove will be marked with a P (Pass). If a fail, there will be no marking.

EN 388:2016 Testing

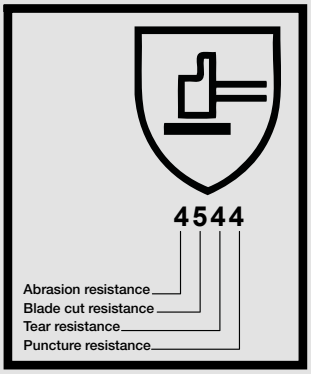
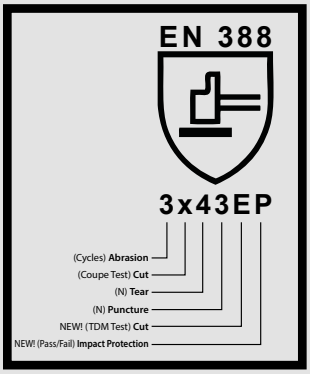
LEVEL OF PROTECTION	1	2	3	4	5
a. Resistance to abrasion (# of revolutions)	100	500	2000	8000	
b. Resistance to cutting (Index)	1.2	2.5	5	10	20
c. Tear Resistance (N)	10	25	50	75	
d. Puncture Resistance (N)	20	60	100	150	

LEVEL OF PROTECTION	A	B	C	D	E	F
e. Cut Resistance EN ISO 13997 (N)	2	5	10	15	22	30

LEVEL OF PROTECTION	P
f. Impact Protection EN 13594:2015	PASS (LEVEL 1 < 9KN)

EN 388:2016 Testing

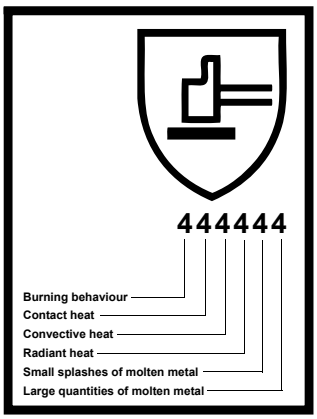
When the new testing is introduced glove markings will change.

EN388:2003	EN 388:2016
	
	The first 4 numbers remain the same, the new ISO TDM cut result will be in the 5th position and if the glove passes the impact protection test, the letter P will appear in the 6th position.

AS/NZS 2161.3:2005 which mirrors the EN 388:2003 version has not been revised to mirror the 2016 edition at the time of printing of this catalogue. Elliotts will however be progressively testing our cut resistant and impact resistant gloves to these new standards and will be displaying those results on our website.

Glove Standards

AS/NZS 2161.4:1999 - Protection against thermal risks (heat and fire) EN407



This diagram details the testing categories for EN407: 2004. A tested item is given a performance rating of 1 to 4 (lowest to highest) on some or all of the listed categories. Frequently an 'x' will replace one or more of the numbers, this means that the corresponding test was not performed.

Performance levels	1	2	3	4
a. Burning Behaviour – After Flare time	<20s	<10s	<3s	<2s
a. Burning Behaviour – After Glow time	no requir.	<120s	<25s	<5s
b. Contact heat – Contact temperature	100 °c	250 °c	350 °c	500 °c
b. Contact heat – Threshold time	>15s	>15s	>15s	>15s
c. Convective heat (heat transfer delay)	>4s	>7s	>10s	>18s
d. Radiant heat (heat transfer delay)	>7s	>20s	>50s	>95s
e. Small drops molten metal (# drops)	>10	>15	>25	>35
f. Large quantity of molten metal (mass)	30g	60g	120g	200g

The following table details the performance levels for the 'contact heat' category:

Performance levels	Contact Temperature (Degrees C)	Threshold time (Seconds)
1	100	>15
2	250	>15
3	350	>15
4	500	>15

EN 12477 Protective Gloves for Welders

There are a number of hazards associated with traditional metal welding. European standard EN 12477:2001+A1:2005 Protective gloves for welders has been developed which specifies minimum performance requirements and test methods appropriate to protective gloves used in manual metal welding, cutting and allied processes.

Protective gloves for welders protect the hands and the wrists during the process of welding and related tasks.

In addition to mechanical hazards, protective gloves for welders protect against small splashes of molten metal, short contact exposure to limited flame, convective heat and contact heat and U. V. radiation from the arc. The glove's material provides minimum electrical resistance up to 100 V (DC) for arc welding. Protective gloves shall comply with the requirements of EN 420:1998 except for the lengths. The minimum lengths are defined the table below.

Hand size	6	7	8	9	10	11
Blade cut resistance	300	310	320	330	340	350

Gloves will be tested and according to the test results be classified as either:

Type A: lower dexterity (with higher performance for physical characteristics such as abrasion, tear, puncture and convective heat resistance) recommended for all welding processes except TIG welding

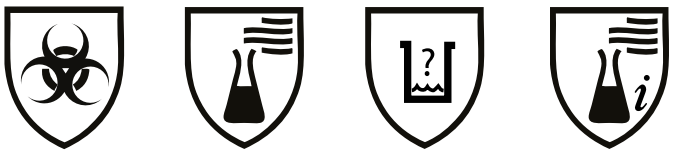
Type B: higher dexterity (with lower physical performance) recommended for TIG welding.

The two types of gloves are subject to different minimum performance requirements under EN 388:1994, EN 407:1994 and EN 420:2003.

REQUIREMENTS	MIN PERFORMANCE REQUIRED		
	EN NUMBER	TYPE A	TYPE B
Abrasion resistance	EN388	2 (500 cycles)	1 (100 cycles)
Blade cut resistance	EN388	1 (index 1,2)	1 (index 1,2)
Tear resistance	EN388	2 (25 N)	1 (10 N)
Puncture resistance	EN388	2 (60 N)	1 (20 N)
Burning behaviour	EN 407	3	2
Contact heat resistance	EN 407	1 (contact temperature 100 °C)	1 (contact temperature 100 °C)
Convective heat resistance	EN 407	2 (HTI > 7)	-
Resistance to small splashes of molten metal	EN 407	3 (25 droplets)	2 (25 droplets)
Dexterity	prEN 420:1988	1 (smallest diameter 11mm)	4 (smallest diameter 6.5mm)

In addition to the mandatory tests listed above, the standard now details an optional test intended for arc welding applications. Using EN 1149-2, electrical resistance is measured by attaching electrodes to either side of the material and applying a dc voltage between them. The resulting electrical resistance is then measured.

The marks you meet on our Chemical Protection Gloves (EN 374)



Gloves approved in accordance with EN 374 are always marked with the pictogram on the left and with one of the three pictograms on the right. If the product complies with an earlier version of the standard (1994), the pictogram at the far right is included.

Penetration testing – is the glove leakproof?

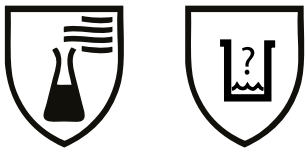
EN 374-2:2003

Gloves that are to give protection against microorganisms and chemicals must be impenetrable (without holes). In the case of thin, disposable gloves, penetrability is tested by filling the glove with water or air.

If the water or air leaks out, the glove is deficient. The results are expressed in terms of the highest number of deficient gloves per hundred, described as the acceptable quality level (AQL). Level 2 is the lowest acceptable level for the pictogram on the left.

Penetration	AQL
Level 1	< 4.0
Level 2	< 1.5
Level 3	< 0.65

Permeation testing – how rapidly does the chemical penetrate?

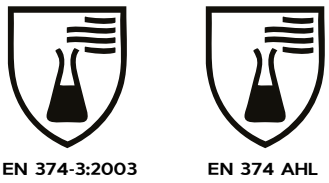


EN 374-3:2003

Gloves designed to protect against chemicals and which are marked with one of the pictograms to the left must first undergo a penetration test.

Permeation is measured in terms of breakthrough time, which is the time it takes for a chemical to penetrate the glove material. For the lowest level, Level 1, the time is at least 10 minutes. The highest level is Level 6, for which the breakthrough time is at least eight hours.

Permeation	Breakthrough time
Level 1	10 min
Level 2	30 min
Level 3	60 min
Level 4	120 min
Level 5	240 min
Level 6	480 min

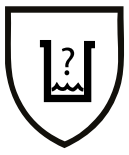


EN 374-3:2003 **EN 374 AHL**

This pictogram shows that the glove gives protection against three chemicals from the Chemical List EN 374 table for at least 30 minutes (Level 2). The three-letter code accompanying the pictogram shows which chemicals are involved. The glove may also have been tested against other chemicals besides those in the table. Which chemicals it has been tested against, and which breakthrough times apply, is specified in separate information.

Contact your seller.

EN 374-3:2003 "Chemical List"		
CODE	CHEMICAL	CAS NUMBER
A	Methanol	67-56-1
B	Acetone	67-64-1
C	Acetonitrile	75-05-8
D	Dichloromethane	75-09-2
E	Carbon disulphide	75-15-0
F	Toluene	108-88-3
G	Diethylamine	109-89-7
H	Tetrahydrofuran	109-99-9
I	Ethyl acetate	141-78-6
J	n-Heptane	142-85-5
K	Sodium hydroxide40%	1310-73-2
L	Sulphuric acid 96%	7664-93-9



EN 374-2:2003

This pictogram from EN 374:2003 means that the glove has failed to attain Level 2 in the permeation test for three of the chemicals in the table. But the glove may have coped with fewer chemicals or a shorter breakthrough time than 30 minutes.

Or it may have been tested against other chemicals besides those in the table. Which chemicals it has been tested against, and which breakthrough times apply, is specified in separate information.

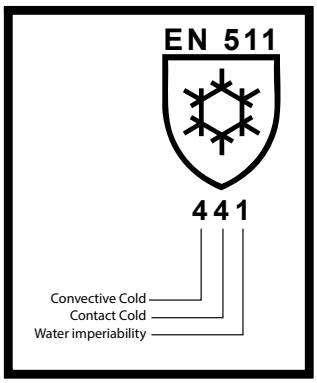
WARNING Heat and wear affect the glove's resistance to chemicals. A glove that gives protection against one chemical may perform poorly in relation to another.

IMPORTANT All gloves must be thrown away (in the hazardous waste bin if required) no more than 8 hours after initial contact with the chemical.

Glove Standards

AS/NZS 2161.5:1998 Protection against cold (EN511)

The standard applies to any gloves to protect against convective and contact cold down to -50 degrees C. Protection against cold is expressed by a pictogram followed by a series of 3 performance levels relating to specific protective qualities. The “cold hazard” pictogram is accompanied by a 3 digit number.



A = Resistance to convective cold (Levels 1-4)

This is measured based on the transfer of cold through the glove via convection. A model hand heated to body temperature is subjected to a cold room; the resistance to the room's climatic temperature and also the energy required by the hand to maintain a constant temperature are both measured to arrive at a final score.

B = Resistance to contact cold (Levels 1–4)

This measures the how protective the garment is when put into direct contact with a cold object or source. The sample is placed between a warm plate and a cold plate before an extractor fan is used to cool both plates further, the results are then compared to a reference standard and a final level decided.

C = Water Proof/ Permeability by water (Levels 0-1)

These tests ensure that your hands will be completely safe from water seeping in and is simply a pass or fail - if the glove cannot withstand water permeating its fabric after 30 minutes of exposure it will fail. Receiving a Level 0 on this test does not necessarily mean these gloves do not perform highly in the other two areas and can still earn them accreditation.

All gloves that achieve this standard must also pass at least level 1 of the EN 388 abrasion tests.

AS 2161.6-2014 Protective gloves for firefighters. Laboratory test methods and performance requirements

This Standard specifies test methods and minimum requirements for protective gloves to be worn during fire fighting and associated activities where there is a risk of heat and/or flame. This standard supersedes (in part) AS 2161.6—2003.

This Standard is based on but not equivalent to ISO 15383:2001, Protective gloves for firefighters—Laboratory test methods and performance requirements.

The 2014 revision removed specifications for Type 1 gloves, a change reflected in the new part title of the Standard and to introduce a single level of performance for structural firefighting gloves in place of the previous two level approach (Types 2 and 3). Type 1 gloves will continue to be able to comply with AS 2161.6—2003 until it is withdrawn.

AS/NZS 2161.6:2003 Occupational protective gloves

Part 6: Protective gloves for structural firefighting—Laboratory test methods and performance requirements

This version of the Standard specifies **three types** of gloves with different performance requirements.

Type 1 - Wildland Fire Fighting

Type 1 gloves provide the lowest level of performance and are considered suitable for wildland fire fighting.

Type 2 and 3 - Structural Fire Fighting

Type 2 gloves provide an intermediate level of performance. The performance requirements for Type 2 gloves are based partly on EN 659 but uses some of the criteria from EN 469 for thermal and heat protection.

Type 3 gloves have been adapted from NFPA 1971. Type 3 gloves provide the highest level of performance.

IMPORTANT: Please note that the 2003 edition of this standard only applies to Type 1 Wildland Fire Fighting gloves. Type 2 and 3 level gloves are now covered by the 2014 edition.

Glove Labelling and Identification

Certified gloves are required to be labelled with specific and precise information.
Below are examples of 3 types of gloves and how they are labelled.

G-Flex Dynamax AirTouch

Mec-Flex Oiler Pro

Kevlar Blue Welding Gloves

ChemVex Chemical Gloves

1. Manufacturers name eg Elliotts
2. Item Brand eg G-Flex, Mec-Flex or Kevlar Blue
3. Additional protective information eg Dynamax Cut 5
4. CE Mark and Notifying Body ID Number
5. Instructions for use enclosed
6. Certifying Body Logo eg SAI Global
7. Pictogram/s eg Mechanical Risks

Certified Product™ AS/NZS 2161.3:2005 Lic# SMK40139 SAI GLOBAL

Certified Product™ AS/NZS 2161.4:1999 Lic# SMKH22088 SAI GLOBAL

Certified Product™ AS/NZS 2161.10.3:2005 LN# SMK40555 SAI GLOBAL

Glove Range

MEC-FLEX


Mec-Flex® Oiler LX


Mec-Flex® Oiler Pro C5


Mec-Flex® Oiler


Mec-Flex® Utility Gold


Mec-Flex® Utility Gold C5 360


Mec-Flex® Utility Gold C5 360


Mec-Flex® Rigger GT


Mec-Flex® Rigger GSG


Mec-Flex® Utility Pro


Mec-Flex® Utility Pro Framer


Mec-Flex® VibraPlus


Mec-Flex® Utility


Mec-Flex® Quick Fit

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G-FLEX®


G-Flex® AirTouch GP


G-Flex® T-Touch


G-Flex T-Touch High Visibility


G-Flex® Nitrile


G-Flex® Sandstorm®


G-Flex® Lite


G-Flex® Red Devil®


G-Flex® ArticMate

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G-FLEX® DYNAMAX C5


G-Flex® Dynamax® C5 AirTouch BLUE


G-Flex® Dynamax® C5 AirTouch HIGH VIS


G-Flex® Dynamax® C5 AirTouch Fingerless BLUE


G-Flex® Dynamax® C5 AirTouch Fingerless HIGH VIS


G-Flex® Dynamax® C3 T-Touch Lite


G-Flex® Dynamax® C3 T-Touch Lite Fingerless


G-Flex® Dynamax® C5 Sandstorm


G-Flex® Dynamax® C5 Steeler


G-Flex® Dynamax® C5 Roustabout


G-Flex® Dynamax® C5 Roustabout Impact


G-Flex® Dynamax® C5 Sleeve – Open Wrist


G-Flex® Dynamax® C5 Sleeve

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ELLGARD®


Ellgard® Ultra Lite


Ellgard® Lite


Ellgard® Max


Ellgard® Max


Ellgard® Maxgrip

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SPECIALTY

PRO-TECH 8


ProTech 8 Titan AU


Nomex Flight Glove

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COLD

GFG11K

GFG15EPVC

G-Flex® ArticMate

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CRYOSKIN™ PROTECTION FROM EXTREME COLD

Cryoskin

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WELDING


Kevlar® Blue™


Kevlar® Blue™ XT


Big Red®


Big Red® XT


Lefties®


Lefties® XT


WAKATAC®


Black & Gold


Glove Saver


Reinforced Glove Saver


High Heat Glove Saver


Tigmate® Pro


Tigmate® Pro C5 Tig


Tigmate® RX Tig


Tigmate® RT Tig


Tigmate®


Tigmate® XT


Tigshield™


Western Rigger® Welder

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MAGNA SHIELD


ChemVex® NX20


ChemVex® NX50


MagnaShield DLK35


G-Flex® TempX Heat Resistant Glove


MagnaShield Chrome Leather


MagnaShield Aramid


MagnaShield Pyrocore Leather


MagnaShield Fully Woven Aramid


MagnaShield Woven Para – Aramid Palm


MagnaShield Loop Pile Fully Woven Aramid Glove and Mitt


MagnaShield Glove Saver


MagnaShield Cover Mitt


HeatShield® Mitts


T1000® Mitts

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CHEM VEX


ChemVex® 7000


ChemVex® C3 7010


ChemVex® NX20


ChemVex® NX50


Red PVC Gloves


Green PVC Gloves

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HANDLING


Western Rigger®

Western Rigger® C5

Western Rigger® XT

Wrangler

Eureka®

Fighter®

Economy Rigger

Candy Stripe

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Glove and Palm Coatings, and Finishes

NITRILE

Nitrile is strong, does not cause allergic reactions and therefore has a wider range of applications. It offers excellent resistance to punctures and tears, and stands up well to water and oil, making it a good choice for handling small oily parts. Nitrile performs well in temperatures ranging from -4°C to 149°C.

T-Touch

The T-Touch coating is a proprietary breathable nitrile foam that offers levels of performance focusing on wearer comfort. T-Touch is highly flexible and soft yet offers excellent abrasion resistance grip especially in oily conditions. The breathable foam coating provides high levels of air permeability which minimises sweating and improves wearer comfort.

- Highly breathable nitrile micro foam finish.
- Very soft and comfortable.
- Excellent grip in wet and oily conditions.

Sandstorm

The Sandstorm coating is a unique breathable nitrile foam coating with a sandy finish. When the Sandstorm coating comes in contact with smooth, oily surfaces, the unique honeycomb surface will soak up the oil and provide improved grip. Gloves with the Sandstorm coating offers excellent resistance to punctures, snags, tears, abrasion and cuts and stands up well to oil, making it a good choice for handling small oily parts.

- Sandy nitrile foam finish.
- It is flexible and has good abrasion and puncture resistance.
- It repels oils, grease, animal fats and many solvents.
- The finish acts like a sponge and improves grip.

AirTouch

The AirTouch coating is a unique Nitrile Foam Micro finish. The AirTouch micro surface is infused with thousands of tiny bubbles that act like suction cups and will soak up and absorb the oil but will limit the penetration of the coating through to the hand.

- Nitrile foam micro finish.
- High levels of dexterity and extremely breathable.
- Extremely soft with highest comfort levels.
- Lower soak through rate than foam nitrile.
- Will perform in dry conditions but performs best in wet conditions.

Smooth

Nitrile, as a smooth coating provides the wearer excellent dry grip and liquids will not be absorbed through the coating which will keep the hands dry.

- Smooth finish.
- Good levels of dexterity and very soft.
- Performs in wet and dry conditions.

LATEX

Latex is extremely elastic, flexible and soft yet tough and durable as a coating that provides protection from physical hazards such as cuts, punctures and slashes and provides outstanding grip.

- Smooth or crinkle finish.
- Very high elasticity and grip.
- Flexible and can withstand abrasion and puncturing.
- Provides protection against alcohols and some ketones.
- Not recommended for use with hydrocarbon and organic solvents, including gasoline.
- Performs well in extreme temperatures.

Caution: products containing natural rubber latex may cause allergic reactions in some individuals.

POLYURETHANE (PU)

Polyurethane coated gloves are great for handling small parts where high dexterity is required. Polyurethane delivers excellent grip, puncture and abrasion resistance while providing protection against oils, fats, and greases. Polyurethane is soft and flexible which means it can be applied in very thin coats allows for excellent dexterity and tactile sensitivity.

- Smooth finish.
- Good grip without being sticky, doesn't shed.
- Great breathability as it is microporous and therefore provides the hand with ventilation.
- Resistant to wear, abrasion, tearing, harsh oils and chemicals.
- Doesn't go hard in the cold or go soft in the heat.
- Coatings can be very thin, are soft and flexible providing excellent dexterity and touch sensitivity.
- Performs best in dry conditions.

PVC

Polyvinyl chloride (PVC) offers good abrasion protection, flexibility in cold temperatures and excellent resistance to resins and glues. PVC also holds up well in the presence of water and most aqueous solutions, detergents, and diluted bases and acids.
PVC does not cause allergic reactions and is stronger than latex or nitrile. PVC is ideal for working applications where adhesives/ glues are used as it will not stick to the PVC e.g. Woodworking. PVC stays flexible at lower temperatures, so it is the ideal glove for cold weather.

- Smooth or rough finish.
- The best option for handling adhesives/ glues.
- Excellent choice for cold weather.
- Good abrasion resistance.

NEOPRENE

Neoprene has good abrasion and cut resistance and is often used when heavy duty protection is required. Neoprene resists degradation which means gloves made of this material will normally last longer. Neoprene has a high level of chemical stability and is therefore resistant to a wide variety of acids, oils, solvents and caustic agents. Neoprene also has good flame resistant and heat resistant properties. Neoprene gloves are commonly used for chemical resistant applications and applications where heat and fire retardant properties are required.

- Smooth or rough finish.
- Resistant to a variety of acids, oils, solvents and caustic agents.
- Excellent grip in all conditions: dry, oily and wet.
- Good flame-resistance properties.

Glove Materials

Knitted Liners

Nylon
Nylon is a synthetic, low linting, high tensile strength fibre that offers excellent dexterity and tactile sensitivity.

Dynamax®
Dynamax is also a high-performance polyethylene (HPPE) fibre that offers maximum strength combined with minimum weight. Dynamax is highly flexible, comfortable and strong fibre.

Meta-Aramid
Meta-Aramids (such as Nomex®) are highly resistant to temperature, chemical degradation, and abrasion.

Para-aramids (such as Kevlar® and lower cost alternatives) display high tensile strength (the maximum stress that a material can withstand) and modulus behaviour (the tendency of a material to deform when force is applied).

Cut and Sew

Hyde-Tex®
Hyde-Tex® is a high quality, soft and durable synthetic leather providing durability and comfort. Hyde-Tex® is available in various thicknesses and colours and is machine washable.

Hyde-Tex® Grip
Hyde-Tex® Grip is a high quality, soft and durable synthetic leather with a sticky silicone grip providing a high level of grip, durability and comfort.

Hyde-Tex® DX
Hyde-Tex® DX is a synthetic leather impregnated with raised PVC dots for enhanced grip and improved durability. The raised dots absorb wear away from the base material and extends the life of the glove.

Cotton
A natural fibre that is exceptionally subtle, soft and comfortable. Cotton also excels in absorbing perspiration and is breathable. It insulates well, making it ideal to use in heat resistant products.

Para-aramids
Para-aramids (such as Kevlar® and lower cost alternatives) display high tensile strength (the maximum stress that a material can withstand) and modulus behaviour (the tendency of a material to deform when force is applied).

HeatShield®
HeatShield® is manufactured from E Glass fibre which is a non-combustible, flexible, inorganic material that has been specifically designed to provide retention of heat. HeatShield® has been developed to provide a blanket that will be unaffected by surface temperatures of 500°C continuously.

T1000®
T1000® is manufactured from E Glass fibre which is a non-combustible, flexible, inorganic material that has been specifically designed to provide retention of heat. T1000® has been developed to provide a blanket that will be unaffected by surface temperatures of 800°C continuously.

Aluminised
Aluminised materials are multi-layer materials comprising of a base fabric combined with an aluminised foil. Aluminised fabric reflect radiant heat and can provide protection from molten metal splash.

Visit our Reference Centre www.elliotts.net for more details on these and other materials.

LEATHER

Elliotts are an industry leader in producing superior quality leather gloves. We have been manufacturing leather gloves for over 50 years. Leather is one of the most commonly used materials in gloves as it is very flexible for its weight, and it provides the most economical protection for the features and protection it offers. Leather is extremely durable and comfortable and has some inherent fire resistance.

There are many different leather types and qualities and it's important to know that each leather has its own unique features and benefits depending on the type of glove you are looking for.

Cowhide

Cowhide is the most common hide because of its broad range of leathers and uses. Cowhide strikes a good balance between durability, dexterity, abrasion resistance, and comfort. Cowhide is the most versatile leather and can yield a wide range of thickness and distinct grades from a single hide (grain and split). This versatility makes it suitable for anything from welding gloves and accessories, to driving and work gloves, to full welding jackets and other protective apparel.

Best suited for:

- Heavy duty welding apparel
- Stick and MIG welding gloves
- General handling gloves for heavy duty protection (low/medium dexterity)

Pigskin

Pigskin is a very tough hide that is naturally breathable, moderately supple, lighter-weight leather that is suitable for making medium thickness performance gloves and apparel. Pigskin is known for resilience, holding up well against abrasion. Pigskin is primarily a top grain hide but is also commonly used as a reverse grain. Slightly thinner than Cowhide and not as dense, Pigskin features the ability to stay pliable with wear and an ability to withstand stiffening after exposure to moisture.

Best suited for:

- Medium duty welding apparel
- MIG and TIG welding gloves
- General handling gloves with medium duty protection (high dexterity)

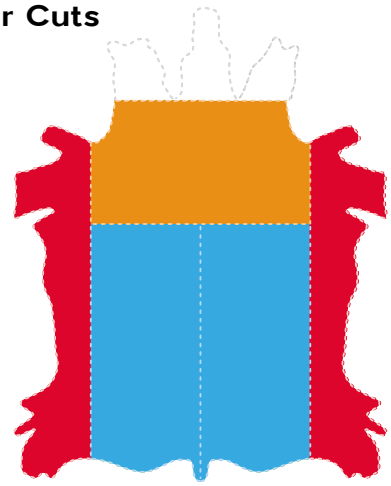
Goatskin

Goatskin is considered to be the toughest most durable yet supple leather. Goatskin provides the best abrasion and tensile strength for its weight while remaining soft and supple. Mostly available in thinner cuts, this leather is great for products made for light to medium protective needs.
The high lanolin content of goatskin makes it very supple leather. Goatskin is reserved for producing TIG welding, driving, and ergonomic gloves where dexterity is important.

Best suited for:

- Light/Medium duty welding apparel
- TIG welding gloves
- General handling gloves with medium duty protection (high/ medium dexterity)

Leather Cuts



Butt Split
Butt split leather comes from the rear butt area of the hide, it is extremely durable, very consistent with dense fibres. This is the highest quality of all split leathers.

Shoulder Split
Shoulder split leather is economical, but less durable than side split as the movement in the shoulder area creates less dense fibres and more visible differences in texture.

Belly Split
Belly split leather is the most economical but it is not consistent and has little strength and durability.

Glove and Palm Coatings, and Finishes

PROTECTION ZONES

To help you easily understand the what specific protection your gloves are providing from a Cut Resistance and Impact Resistance we have created **Protection Zone** graphics that will clearly identify where each glove provides protection.

Cut Resistance

Cut Resistance is an extremely important requirement when handling sharp materials and or equipment. Knowing where each gloves provides cut resistance is just as important.

360° Cut Protection
Protection is provided on the green shaded areas. 360° Cut Protection means that your palm, back of hand, finger side walls and depending on the glove length your wrist are all protected.

Palm and Finger Side Walls
Protection is provided on the green shaded areas. Cut protection is provided on the palm and finger side walls.

Palm
Protection is provided on the green shaded areas. Cut protection is provided on the palm only. The back of hand and finger side walls do not offer cut protection.

Impact Resistance

Protecting your hand can be much more than protecting your palm from risks such as cuts and abrasions. In some industries protecting the back of the hand from impacts, smashes and crushing is just as important. Injuries to the top of the hand are very common in industries such as Oil and Gas, and Mining but the risk is common in many manual handling situations.

Working with hazardous tools such as tongs, wrenches, winches, wire ropes as well as building materials such as bricks and timber, machinery or equipment, especially in confined spaces, are all applications where there is a risk of impact, smashes and crushing.

The K-Guard® TPR Exoskeleton is like "armour" for the top of your hand providing metacarpal, knuckle and finger protection. The soft TPR components of the exoskeleton are engineered to provide padding and reduce the force of impact transmitted to the hand.

Several styles of gloves have been tested and passed the EN 388:2016 Impact testing EN13594:2015.

Protection is provided on the orange shaded areas.

G-FLEX® DYNAMAX®

Cut Resistant Series

Certified Product™
AS/NZS
2161.3:2005
LN# SMK40139
SAI GLOBAL

G-Flex® Dynamax Series

G-Flex® Dynamax® C5 AirTouch
BLUE

G-Flex® Dynamax® C5 AirTouch
HIGH VIS

G-Flex® Dynamax® C5 AirTouch

Product Code - ELG3420 & ELG3425

- Lightweight AirTouch Micro-Foam coating provides a comfortable fitting glove.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Dynamax® C5 15 gauge seamless liner.
- Highest Cut level 5 protection.
- "Finger Dip" technology gives total ventilation to back of hand.
- Provides highest levels of cut resistance, abrasion and tear resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces.
- Five sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

DYNAMAX C5

EN388
4543

CE
NB2056
CEC40027

Certified Product
AS/NZS
2161.3:2005
LN# SMK40139
SAI GLOBAL

AirTouch (Blue)	AirTouch (High Vis)	Size
ELG342007	ELG342507	7
ELG342008	ELG342508	8
ELG342009	ELG342509	9
ELG342010	ELG342510	10
ELG342011	ELG342511	11

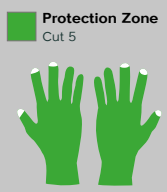
G-Flex® Dynamax® C5 AirTouch Fingerless BLUE

G-Flex® Dynamax® C5 AirTouch Fingerless HIGH VIS

G-Flex® Dynamax® C5 AirTouch Fingerless

Product Code - ELG3422 & ELG3427

- Lightweight AirTouch Micro-Foam coating provides a comfortable fitting glove.
- Thumb, index and middle fingertips removed for extra sensitivity and dexterity.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Dynamax® C5 15 gauge seamless liner.
- Highest Cut level 5 protection.
- "Finger Dip" technology gives total ventilation to back of hand.
- Provides highest levels of cut resistance, abrasion and tear resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces.
- Five sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.



DYNA MAX C5

EN388 4543

NB2056 CEC40027

Certified Product

AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

AirTouch (Blue)	AirTouch (High Vis)	Size
ELG342207	ELG342707	7
ELG342208	ELG342708	8
ELG342209	ELG342709	9
ELG342210	ELG342710	10
ELG342211	ELG342711	11

G-Flex® Dynamax® C3 T-Touch Lite

Product Code - ELG3430

- Lightweight T-Touch coating provides a very comfortable glove.
- Dynamax® C3 18 gauge seamless liner.
- "Finger Dip" technology gives total ventilation to back of hand.
- Good protection from small nicks and cuts.
- Excellent levels of abrasion resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces including those with light oil.
- Provides cut, tear and puncture resistance.
- Five sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

Protection Zone
Cut 3

DYNA MAX C3 EN388 4342 CE NB2056 CEC40027 Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size	Cuff Colour
ELG343007	7	Blue
ELG343008	8	Orange
ELG343009	9	White
ELG343010	10	Yellow
ELG343011	11	Brown

G-Flex® Dynamax® C3 T-Touch Lite Fingerless

Product Code – ELG3432

- Lightweight T-Touch coating provides a very comfortable glove.
- Thumb, first and middle fingertips removed for extra sensitivity and dexterity.
- Dynamax® C3 18 gauge seamless liner.
- "Finger Dip" technology gives total ventilation to back of hand.
- Good protection from small nicks and cuts.
- Excellent levels of abrasion resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces including those with light oil.
- Provides cut, tear and puncture resistance.
- Five sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

Protection Zone
Cut 3

DYNA MAX C3 EN388 4342 CE NB2056 CEC40027 Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size	Cuff Colour
ELG343207	7	Blue
ELG343208	8	Orange
ELG343209	9	White
ELG343210	10	Yellow
ELG343211	11	Brown

G-Flex® Dynamax® C5 Sandstorm

Product Code - ELG3405

- Durable SandStorm coating providing a comfortable fitting glove.
- Dynamax® C5 13 gauge seamless liner.
- Highest Cut level 5 protection.
- Heavy duty protection for high abrasion applications.
- "Finger Dip" technology gives total ventilation to back of hand.
- Provides highest levels of cut resistance, abrasion and tear resistance.
- Excellent grip on most surfaces including those with light oil.
- Five sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

Part Number	Size	Cuff Colour
ELG340507	7	Blue
ELG340508	8	Orange
ELG340509	9	White
ELG340510	10	Yellow
ELG340511	11	Brown

Protection Zone
Cut 5

DYNA MAX C5

EN388 4543

NB2056 CEC40027

Certified Product

AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

G-Flex® Dynamax® C5 Steeler

Product Code - ELG3800

- Premium leather palm with reinforced crotch.
- Good contact heat resistance.
- Dynamax® C5 13 gauge seamless liner.
- Highest Cut level 5 protection.
- Good puncture protection.
- Provides highest levels of cut resistance, abrasion and tear resistance.
- Comfortable with good dexterity, sensitivity and tactility.
- Three sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

Protection Zone
Cut 5

DYNA MAX C5

EN388 4543

NB2056 CEC40027

Certified Product

AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size	Cuff Colour
ELG380009	9	White
ELG380010	10	Yellow
ELG380011	11	Brown

G-Flex® Dynamax Series

G-Flex® Dynamax® C5 Roustabout

Product Code – ELG3415

- T-Touch coating over a blue nitrile ¾ coating which offers additional layer of protection including fluids, oils and grease.
- Dynamax® C5 13 gauge seamless liner.
- Highest Cut level 5 protection.
- "Finger Dip" technology gives total ventilation to back of hand.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Good grip on most surfaces including those with light oil.
- Four sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

Protection Zone Cut 5

DYNA MAX C5 EN388 4543 NB2056 CEC40027 Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size	Cuff Colour
ELG341508	8	Orange
ELG341509	9	White
ELG341510	10	Yellow
ELG341511	11	Brown

G-Flex® Dynamax® C5 Roustabout Impact

Product Code – ELG3416

- T-Touch coating over a blue nitrile ¾ coating which offers an additional layer of protection including fluids, oils and grease.
- Dynamax® C5 13 gauge seamless liner.
- K-Guard® TPR Exoskeleton Top of hand IMPACT protection.
- Highest Cut level 5 protection.
- "Finger Dip" technology gives total ventilation to back of hand.
- Provides highest levels of cut resistance, abrasion & tear resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Good grip on most surfaces including those with light oil.
- Four sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

Protection Zone Cut 5

DYNA MAX C5 EN388 4543 NB2056 CEC40027 Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size	Cuff Colour
ELG341608	8	Orange
ELG341609	9	White
ELG341610	10	Yellow
ELG341611	11	Brown

G-Flex® Dynamax® C5 Sleeve – Open Wrist

- Open wrist style (no thumb slot).
- Hook and Loop closure tab on upper arm opening.
- Length: 40cm.
- High Contact Heat protection – up to 100°C.
- Provides highest levels of cut resistance, abrasion and tear resistance.
- APPLICATIONS – Ideal for all applications where protection from heat and cuts to the forearm is required.

Part Number	Size
ELG3411LRG	LRG

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G-Flex® Dynamax® C5 Sleeve

- Thumb slot to ensure minimum movement and wrist protection.
- Length: 40cm.
- High contact heat protection – up to 100°C.
- Provides highest levels of cut resistance, abrasion and tear resistance.
- Available with and without reinforcing.
- APPLICATIONS – Ideal for all applications where protection from heat and cuts to the forearm is required.

Part Number	Size	Description
ELG3407LRG	LRG	Standard
ELG3410LRG	LRG	Leather Reinforced

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G-FLEX®

SERIES

Certified Product

AS/NZS
2161.3:2005
LN# SMK40139
SAI GLOBAL

G-Flex® Air Touch GP

G-Flex® AirTouch GP

Product Code – ELG3310

- Lightweight AirTouch Micro-Foam coating provides a comfortable fitting glove.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Durable nylon 18 gauge seamless liner.
- "Finger Dip" technology gives total ventilation to back of hand.
- Provides highest levels of abrasion-resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces.
- Five sizes with colour coding identification on the cuff of each glove.
- Packaging: Hook/ Swing Card.

EN388 4121 NB2056 CEC40027 AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size	Cuff Colour
ELG331007	7	Blue
ELG331008	8	Orange
ELG331009	9	White
ELG331010	10	Yellow
ELG331011	11	Brown

G-Flex® Series

G-Flex® T-Touch

Product Code – ELG3501 & ELG3500 (High Vis)

- Lightweight T-Touch coating provides a very comfortable fitting glove.
- Durable Nylon 18 gauge seamless liner.
- "Finger Dip" technology gives total ventilation to back of hand.
- Good protection from small nicks and cuts.
- Excellent levels of abrasion resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces including those with light oil.
- Provides cut, tear and puncture resistance.
- Four sizes with colour coding identification on the cuff of each glove.
- Sizes available: 8–11.
- Packaging: Hook/ Swing Card.

T-Touch	T-Touch HIGH VIS	Size	Cuff Colour
ELG350108	ELG350008	8	Orange
ELG350109	ELG350009	9	White
ELG350110	ELG350010	10	Yellow
ELG350111	ELG350011	11	Brown

EN388 4131

NB2056 CEC40027

Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

G-Flex® Nitrile

Product Code – ELG3000

- Excellent dexterity and sensitivity by combining super light weight.
- Durable Nylon 18 gauge seamless liner.
- "Finger Dip" technology gives total ventilation to back of hand.
- Excellent levels of abrasion resistance.
- Good protection from small nicks and cuts.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent wet and dry grip.
- Provides cut, tear and puncture resistance.
- Five sizes with colour coding identification on the cuff of each glove.
- Sizes available: 7–11.
- Packaging: Hook/ Swing Card.

Part Number	Size	Cuff Colour
ELG300007	7	Blue
ELG300008	8	Orange
ELG300009	9	White
ELG300010	10	Yellow
ELG300011	11	Brown

EN388 4141 NB2056 CEC40027 Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

G-Flex® Sandstorm®

Product Code – ELG3223

- Lightweight Sandstorm "Sandy" foam nitrile coating.
- Durable Black Nylon 18 gauge seamless liner
- "Finger Dip" technology gives total ventilation to back of hand.
- Good protection from small nicks and cuts.
- Excellent levels of abrasion resistance.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces including those with light oil.
- Provides cut, tear and puncture resistance.
- Four sizes with colour coding identification on the cuff of each glove.
- Sizes available: 8–11.
- Packaging: Hook/ Swing Card.

Part Number	Size	Cuff Colour
ELG322308	8	Orange
ELG322309	9	White
ELG322310	10	Yellow
ELG322311	11	Brown

EN388 4121 NB2056 CEC40027 Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

G-Flex® Series

G-Flex® Lite

Product Code – ELG3100

- Extremely comfortable with excellent dexterity, sensitivity and tactility.
- Durable Nylon 18 gauge seamless liner.
- "Finger Dip" technology gives total ventilation to the back of the hand.
- Ultra-lightweight polyurethane coating.
- Good levels of abrasion resistance.
- Provides cut, tear and puncture resistance.
- Five sizes with colour coding identification on the cuff of each glove.
- Sizes available: 7–11.
- Packaging: Hook/ Swing Card.

Part Number	Size	Cuff Colour
ELG310007	7	Blue
ELG310008	8	Orange
ELG310009	9	White
ELG310010	10	Yellow
ELG310011	11	Brown

EN388 4142 · CE NB2056 CEC40027 · Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

G-Flex® Red Devil®

Product Code – ELG32220

- Lightweight grey "crinkle" latex coating provides unbeatable grip in wet and slippery conditions.
- Durable Red Nylon 18 gauge seamless liner.
- "Finger Dip" technology gives total ventilation to back of hand.
- Good protection from small nicks and cuts.
- Very comfortable with excellent dexterity, sensitivity and tactility.
- Excellent grip on most surfaces including those with light oil.
- Provides cut, tear and puncture resistance.
- Four sizes with colour coding identification on the cuff of each glove.
- Sizes available: 8–11.
- Packaging: Hook/ Swing Card.

Part Number	Size	Cuff Colour
ELG3222008	8	Orange
ELG3222009	9	White
ELG3222010	10	Yellow
ELG3222011	11	Brown

EN388 2242 · CE NB2056 CEC40027 · Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

G-Flex Arctic Mate

G-Flex Artic Mate provides dexterity, warmth and liquid repellence in one glove. A full Nitrile coating and light fleece liner offer good thermal properties and the nitrile micro foam coated palm and fingers provides excellent grip in wet and oily conditions.

- Good thermal properties to resist cold.
- Excellent grip in wet and oily conditions.
- Excellent abrasion resistance and suitable internal and outdoor cold environments.
- Hook & Loop Cuff tab for snug fit.
- Suitable for working in cold environments including cold stores as well as outdoor abrasive environments.

Part Number	Size	Cuff Colour
ELG850008	8	Orange
ELG850009	9	White
ELG850010	10	Yellow
ELG850011	11	Brown

EN388 4232 EN511 111 NB2056 CEC40027 Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

PVC Heavy Duty Freezer Glove

- Available in knit wrist and XT extended cuff versions.
- XT Cuffs feature a heavy duty PVC exterior and are completely moisture proof.
- Heavy duty PVC exterior
- High visibility orange colour
- Lined with supported foam insulation
- Wool lined PVC cuff extension
- Moisture proof

Part Number	Size	Cuff
GFG11K	9	Knit Wrist
GFG15EPVC	9	XT Extended Cuff

ELLGARD SERIES

Ellgard® Ultra Lite

Product Code – ELG1000

- Light duty yellow nitrile coating over a comfortable 100% cotton liner.
- Lightweight nitrile to resist cuts and many chemicals.
- Good fit and dexterity.
- Lightweight and flexible.
- Machine washable.
- General purpose glove with gripping power, wet or dry.
- Sizes available: 9–10.
- Packaging: Hook/ Swing Card.

Part Number	Size
ELG100009	9
ELG100010	10

EN388 3121 · CE NB2056 CEC40027 · Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Ellgard® Lite

Product Code – ELG1100

- Tough medium duty blue nitrile coating over a comfortable 100% cotton liner.
- Medium weight nitrile with superior flexibility.
- Excellent resistance to abrasion, cuts, punctures and tears.
- Outstanding fit and dexterity.
- Good resistance to oils and greases.
- Good wet and dry grip.
- Machine washable.
- Medium duty mechanical protection.
- Sizes available: 7–10.
- Packaging: Hook/ Swing Card.

Part Number	Size
ELG110007	7
ELG110008	8
ELG110009	9
ELG110010	10

EN388 4111 · CE NB2056 CEC40027 · Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Ellgard® Max

Product Code – ELG1200

- Tough heavy duty blue nitrile coating on a brushed jersey 100% cotton liner with a knit wrist.
- Heavy weight nitrile with superior flexibility.
- Excellent resistance to abrasion, cuts, punctures and tears.
- Outstanding fit and dexterity.
- Good resistance to oils and greases.
- Good wet and dry grip.
- Machine washable.
- Heavy duty mechanical protection.
- Sizes available: 9–10.
- Packaging: Hook/ Swing Card.

EN388 4111 | NB2056 CEC40027 | Certified Product | AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size
ELG120009	9
ELG120010	10

Ellgard® Max

Product Code – ELG1205

- Tough heavy duty blue nitrile coating on a brushed jersey 100% cotton liner with safety cuff.
- Heavy weight nitrile with superior flexibility.
- Excellent resistance to abrasion, cuts, punctures and tears.
- Outstanding fit and dexterity.
- Good resistance to oils and greases.
- Good wet and dry grip.
- Machine washable.
- Heavy duty mechanical protection.
- Sizes available: 9–10.
- Packaging: Hook/ Swing Card.

EN388 4111 | NB2056 CEC40027 | Certified Product | AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size
ELG120509	9
ELG120510	10

Ellgard® Maxigrip

Product Code – ELG2100

- Natural latex on a polycotton seamless liner.
- "Finger Dip" technology gives total ventilation to the back of the hand.
- Textured "crinkle" finish for excellent grip in wet and dry conditions.
- Perfectly contoured hand shape for the ultimate fit.
- Very durable with good tear and puncture resistance.
- Sizes available: 9–10.
- Packaging: Hook/ Swing Card.

EN388 2143 | NB2056 CEC40027 | Certified Product | AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

Part Number	Size	Cuff Colour
ELG210009	9	White
ELG210010	10	Yellow

MEC-FLEX

Certified Product™

AS/NZS
2161.3:2005
LN# SMK40216
SAI GLOBAL

High Performance | Task Specific | Hand Protection

Mec-Flex High Performance gloves are designed to provide task specific, multi-faceted hand protection in complex and harsh workplace environments.

We are focused on designing gloves that offer task specific protection but maximise dexterity and comfort. We try and strike that balance where your tactile senses are intact and you can confidently do your work knowing you are protected from the risks you encounter every day.

The Mec-Flex range of High Performance gloves are a "cut and sewn" style of glove which enables a combination of elements to be incorporated into the design. We focus on ergonomic design, high performance materials and task specific reinforcements and protection to create glove specifically designed for a purpose.

Ergonomics

Poorly designed gloves force workers to compensate in ways that can place unnecessary stress on their muscles and joints. We focus on glove designs that better fit the contours of the hands, combine that with the best materials or combination of materials that offer the protection required for that specific application and workplace conditions. Incorporating these factors into the glove design is the key to creating effective, ergonomically designed gloves that workers will wear.

Impact Resistance

Protecting your hand can be much more than protecting your palm from risks such as cuts and abrasions. In some industries protecting the back of the hand from impacts, smashes and crushing is just as important. Injuries to the top of the hand are very common in industries such as Oil and Gas, and Mining but the risk is common in many manual handling situations. Working with hazardous tools such as tongs, wrenches, winches, wire ropes as well as building materials such as bricks and timber, machinery or equipment especially in confined spaces are all applications where there is a risk of impact, smashes and crushing.

Mec-Flex High Performance Gloves can incorporate a K-Guard® Exoskeleton. The K-Guard® Exoskeleton is like "armour" for the top of your hand providing metacarpal, knuckle and finger protection. The soft and high impact absorbing thermo plastic rubber (TPR) components of the exoskeleton are engineered to provide padding and reduce the force of impact transmitted to the hand.

MEC-FLEX

The Ellgard range of synthetic nitrile gloves combine various weights of dipped nitrile coatings, cotton cut and sewn liners with knit wrists or safety cuffs.

Certified Product™
AS/NZS
2161.3:2005
LN# SMK40216
SAI GLOBAL

EN388
4543

CE
NB2056
CEC40027

Visit our Reference Centre at www.elliotts.net to learn more on glove design and materials.

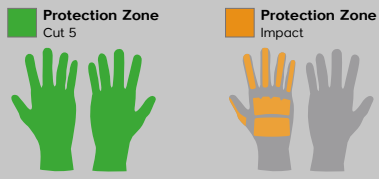
OILER SERIES

Mec-Flex® Oiler LX

Product Code – ELG6230

The Mec-Flex® Oiler LX offers the combination of 360° or total palm, back of hand and finger wall Cut 5 performance with a soft durable leather palm.

- Full 360° Dynamax Cut level 5 protection on the palm, back of hand and all finger walls.
- Impact Protection: Passed EN388:2016 Impact testing EN13594:2015
- K-Guard® TPR (Thermal Plastic Rubber) back of hand exoskeleton is designed to absorb and dissipate impacts to the back of hand, knuckles and fingers.
- Soft and durable goat leather on the palm.
- High visibility yellow two-way form fitting stretch spandex on the back of the hand increasing ventilation fit and comfort.
- 60mm Neoprene cuff for added wrist and forearm protection.
- ID Tag for wearer name.
- Ergonomically designed form-fitting 3 dimension patterns.
- Kevlar® stitched palm for added durability.
- Sizes available: MED, LRG, XLG,2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves - Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 2542.
- Packaging: Header Card.



Part Number	Size
ELG6230MED	MED
ELG6230LRG	LRG
ELG6230XLG	XLG
ELG62302XL	2XL

AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL

EN388 2542DP

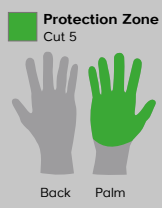
NB2056 CEC40055

Mec-Flex® Oiler Pro C5

Product Code – ELG6210

The Mec-Flex® Oiler Pro offers the next level of protection in the Oiler Series incorporating Hyde-Tex C5 which gives you the highest levels of Abrasion, Cut and Tear resistance.

- K-Guard® TPR (Thermal Plastic Rubber) back of hand exoskeleton is designed to absorb and dissipate impacts to the back of hand, knuckles and fingers.
- Impact Protection: Passed EN388:2016 Impact testing EN13594:2015.
- Hyde-Tex® GRIP Palm – Hyde-Tex® Synthetic leather with specially formulated non-slip silicone grip pattern.
- Dynamax® Cut level 5 protection on the palm, fingers and thumb.
- High visibility yellow two-way form fitting stretch spandex on the back of the hand increasing ventilation fit and comfort.
- 60mm Neoprene cuff for added wrist and forearm protection.
- ID Tag for wearer name.
- Ergonomically designed form-fitting 3 dimension patterns.
- Kevlar® stitched palm for added durability.
- Sizes available: MED, LRG, XLG,2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 3544.
- Packaging: Header Card.



Part Number	Size
ELG6210MED	MED
ELG6210LRG	LRG
ELG6210XLG	XLG
ELG62102XL	2XL

Certified Product
AS/NZS 2161.3:2005
LN# SMK40216
SAI GLOBAL

EN388
3544EP

NB2056
CEC40055

OILER SERIES

Mec-Flex® Oiler

Product Code – ELG6200

The Mec-Flex® Oiler is the "all-rounder" glove for the Oil & Gas and Mining Industries offering exceptional top of hand and finger protection with a palm design offering grip, high tear and excellent abrasion resistance.

- K-Guard® TPR (Thermal Plastic Rubber) top of hand exoskeleton is designed to absorb and dissipate impacts to the back of hand, knuckles and fingers.
- Impact Protection: Passed EN388:2016 Impact testing EN13594:2015
- Hyde-Tex™ DX Synthetic leather impregnated with raised PVC dots for enhanced grip and improved durability on the outer palm layer.
- Hyde-Tex™ 70 Synthetic Leather palm base layer.
- High tear and great abrasion resistance.
- High visibility yellow two-way form fitting stretch spandex on the back of the hand increasing ventilation fit and comfort.
- 60mm Neoprene cuff for added wrist and forearm protection.
- Ergonomically designed form-fitting 3 dimension patterns.
- ID Pull Tag for wearer name.
- Kevlar® stitched palm for added durability.
- Sizes available: MED, LRG, XLG, 2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 3132.
- Packaging: Header Card.

Part Number	Size
ELG6200MED	MED
ELG6200LRG	LRG
ELG6200XLG	XLG
ELG62002XL	2XL

Certified Product
AS/NZS 2161.3:2005
LN# SMK40216
SAI GLOBAL

EN388
3132xP

NB2056
CEC40055

TAKE CARE

Utility Gold

Mec-Flex® Utility Gold

Product Code – ELG6020

The Mec-Flex® Utility Gold offers the durability of a leather riggers glove is a soft but durable goatskin grain leather and breathable Spandex back of hand.

- Soft and durable goat leather on the palm with wear points on finger reinforced.
- Black two-way form fitting stretch spandex on the back of the hand increasing ventilation fit and comfort.
- Neoprene cuff with hook and loop pull tab for a secure fit and to stop debris entering the glove.
- Ergonomically designed form-fitting 3 dimension patterns.
- Kevlar® stitched palm for added durability.
- Sizes available: MED, LRG, XLG,2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 2132.
- Packaging: Header Card.

Part Number	Size
ELG6020MED	MED
ELG6020LRG	LRG
ELG6020XLG	XLG
ELG60202XL	2XL

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL

EN388 2132

CE NB2056 CEC40055

Mec-Flex® Utility Gold C5 360

Product Code – ELG6025 & ELG6026 (High Vis)

The Mec-Flex® Utility Gold C5 360 offers the combination of 360° or total palm, back of hand and finger wall Cut 5 performance with a soft durable leather palm and breathable Spandex back of hand.

- Full 360° Dynamax Cut level 5 protection on the palm, back of hand and all finger walls.
- Soft and durable goat leather on the palm with wear points on finger reinforced.
- Black or High Vis Yellow two-way form fitting stretch spandex on the back of the hand increasing ventilation fit and comfort.
- Neoprene cuff with hook and loop pull tab for a secure fit and to stop debris entering the glove.
- Ergonomically designed form-fitting 3 dimension patterns.
- Kevlar® stitched palm for added durability.
- Sizes available: MED, LRG, XLG,2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 2543.
- Packaging: Header Card.

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL

EN388 2543C

CE NB2056 CEC40055

Protection Zone
Cut 5

Black/Gold	High Vis Yellow/Gold	
Part Number	Part Number	Size
ELG6025MED	ELG6026MED	MED
ELG6025LRG	ELG6026LRG	LRG
ELG6025XLG	ELG6026XLG	XLG
ELG60252XL	ELG60262XL	2XL

RIGGER SERIES

Mec-Flex® Rigger GT

Product Code – ELG6310

Mec-Flex® Rigger GT an extremely comfortable goatskin leather riggers style mechanics glove. The Rigger GT offers a cool Spandex back with top of hand and finger protection with a reinforced palm.

- K-Guard® TPR (Thermal Plastic Rubber) top of hand exoskeleton provides impact protection for the back of hand, knuckles and fingers.
- Soft, Durable and extremely comfortable goaskin palm.
- Rubberized reinforced palm for extra durability and grip.
- Ergonomically designed form-fitting 3 dimension patterns
- Black soft neoprene cuff with TPR Pull Tab with Velcro closure for secured fit and pulse protection.
- Sizes available: MED, LRG, XLG, 2XL.
- Packaging: Header Card.

Part Number	Size
ELG6310MED	MED
ELG6310LRG	LRG
ELG6310XLG	XLG
ELG63102XL	2XL

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL EN388 3133 CE NB2056 CEC40055

Mec-Flex® Rigger GSG

Product Code – GSG

- Extra soft goatskin grain leather.
- Very durable and comfortable.
- Outstanding fit and dexterity.
- Elasticated cotton fabric back absorbs sweat and allows air flow.
- Safety cuff for additional wrist protection.
- 275mm length.
- Sizes available: 8–11.
- Packaging: Header Card.

Part Number	Size
GSG8A	8
GSG9A	9
GSG10A	10
GSG11A	11

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL EN388 2111 CE NB2056 CEC40055

TAKE CARE

Utility Series

Mec-Flex® Utility Pro

Mec-Flex® Utility is a comfortable form-fitting glove designed for general day-to-day handling tasks. The reinforced palm increases durability and protection while the elastic cuff and Velcro TRP closure tab provide a secure fit.

- Available in standard and framer designs.
- Hyde-Tex™ 80 Synthetic Leather palm with neoprene padded palm reinforcement.
- Two-way form-fitting stretch spandex on the back of the hand increasing ventilation fit and comfort.
- Low profile neoprene knuckle bar.
- Ventilated finger walls for increased comfort.
- Reinforced synthetic leather thumb, index, middle and ring fingertips.
- Heavy duty elastic cuff with TPR Pull Tab with Velcro closure for secured fit and pulse protection.
- Ergonomically designed form-fitting 3 dimension patterns.
- Machine washable.
- Sizes available: MED, LRG, XLG, 2XL.
- Packaging: Header Card.

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL · EN388 2121 · CE NB2056 CEC40055

Part Number	Size
ELG6010MED	MED
ELG6010LRG	LRG
ELG6010XLG	XLG
ELG60102XL	2XL
ELG6017MED	MED
ELG6017LRG	LRG
ELG6017XLG	XLG
ELG60172XL	2XL

Mec-Flex® Utility High Visibility Mechanics Safety Gloves

Mec-Flex® Utility High Vis is a comfortable form fitting glove designed for general day-to-day handling tasks where you need to be seen. The single layer Hyde-Tex 85 palm has silicon fingertips to provide addition grip. The elastic cuff and Hook and Loop TRP closure tab provides a secure fit.

Features:

- Two-way form fitting stretch spandex on the back of the hand increasing ventilation, fit and comfort
- High visibility silver reflective knuckle bar
- Ventilated finger walls for increased comfort
- Reinforced synthetic leather thumb, index, middle and ring fingertips
- Heavy duty elastic cuff with TPR Pull Tab with Hook and Loop closure for secured fit and pulse protection
- Silicon finger tips for added grip
- Perforated fourchettes (finger walls)
- Machine washable
- Sizes Available LRG, XLG, 2XL

Part Number	Size
ELG0100M	MED
ELG0100L	LRG
ELG0100XL	XLG
ELG0100XXL	2XL

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL · EN388 3121 · CE NB2056 CEC40055

Mec-Flex® QuickFit Mechanics Safety Gloves

Mec-Flex® QuickFit is a simple but effective toolbox basic. A versatile and economical glove with a multitude of uses for the professional and the handyman.

Features:

- Hyde-Tex 85 Synthetic Leather palm
- Two-way form fitting stretch spandex on the back of the hand increasing ventilation, fit and comfort
- Elastic easy entry cuff provides a secure fit
- Perforated fourchettes for ventilation and increased comfort
- Reinforced synthetic leather thumb, index, middle and ring fingertips
- Machine washable
- Sizes Available LRG, XLG,2XL

Part Number	Size
ELG6001MED	MED
ELG6001LRG	LRG
ELG6001XLG	XLG
ELG60012XL	2XL

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL

EN388 3121

CE NB2056 CEC40055

Mec-Flex® VibraPlus Anti-Vibration Glove

Product Code – ELG2005

Workers are regularly exposed to hand-arm vibration (HAV) through regular use of pneumatic, hydraulic, electrical, or gasoline-powered hand tools as a part of their jobs. This regular exposure often leads to the incurable, irreversible HAVS, originally called Raynaud's Phenomenon or Vibration White Finger.

WHAT IS HAVS? Hand-arm vibration syndrome (HAVS) is the name for a collection of debilitating conditions associated with the continuous use of hand-held power tools and industrial equipment. The violent vibrations from such machinery can cause damage to nerves, bones, tendons, muscles and blood vessels, leading to chronic ailments such as carpal tunnel syndrome (CTS) and vibration white finger (VWF).

The Mec-Flex® VibraPlus Anti-Vibration glove is a full fingered heavy duty glove made from premium cowhide with a unique anti-vibration padding in the fingers, thumb and palm. The 100mm heavy duty elastic wrist strap provides additional wrist support, prevents debris from entering the glove and provides additional wrist protection.

- Durable, soft cow grain leather.
- Full fingered style.
- Anti-vibration padding on full fingers,thumb and palm.
- Heavy duty elasticated wrist strap.
- Length: 290mm.
- Sizes available: LRG, XLG.
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks.
- Packaging: Header Card.

Part Number	Size
ELG2005L	LRG
ELG2005XL	XLG

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL

EN388 3223

CE NB2056 CEC40055

HANDLING

Certified Product
AS/NZS
2161.3:2005
LN# SMK40216
SAI GLOBAL

Western Rigger®

Western Rigger®

Product Code – 500WR

The Western Rigger® is a true premium drivers or riggers style glove made from premium "A" grade cow grain leather. We have not compromised on our leather quality or sizing. The Western Rigger® is now certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks.

- Premium "A" grade beige cow grain leather.
- Soft and consistent leather thickness.
- Shirred elastic back for snug fit.
- Generous sizing with colour codes wrist binding for easy identification.
- Excellent durability and abrasive resistance.
- Kevlar® stitched palm for added durability.
- Sizes available: SML, MED, LRG, XLG,2XL.
- Length 250mm.
- Packaging: Hook/ Swing Card.

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL · EN388 3122 · CE NB2056 CEC40055

Part Number	Size	Cuff Binding
500WRS	SML	YELLOW
500WRM	MED	GREEN
500WRL	LRG	BROWN
500WRXL	XLG	BLUE
500WRXXL	XXL	RED

Western Rigger® C5

Product Code – 500WRC5

The Western Rigger® C5 offers the feel and durability of the premium Western Rigger® with Cut Level 5 protection and a pull tab for a secure fit.

- Premium beige cow grain leather.
- Dynamax® Cut level 5 protection on the palm, fingers and thumb.
- Hook and loop pull tab for a secure fit and to stop debris entering the glove.
- Kevlar® stitched palm for added cow grain leathurability.
- Sizes available: MED, LRG, XLG,2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 3544.
- Packaging: Hook/ Swing Card.

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL · EN388 3544D · CE NB2056 CEC40055

Part Number	Size
500WRC5MED	MED
500WRC5LRG	LRG
500WRC5XLG	XLG
500WRC52XL	2XL

Western Rigger® XT

Product Code – 500XTWR

The Western Rigger® XT is an extended version of the original Western Rigger®. A true premium drivers or riggers style glove made from premium "A" grade cow grain leather. We have not compromised on our leather quality or sizing. The Western Rigger® XT is now certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks.

- Premium "A" grade beige cow grain leather.
- Soft and consistent leather thickness.
- Shirred elastic back for snug fit.
- Generous sizing with colour codes wrist binding for easy identification.
- Excellent durability and abrasive resistance.
- Kevlar® stitched palm for added durability.
- Sizes available: SML, MED, LRG, XLG,2XL.
- Length 330mm.
- Packaging: Hook/ Swing Card.

Part Number	Size	Cuff Binding
500XTWRS	SML	Yellow
500XTWRM	MED	Green
500XTWRL	LRG	Brown
500XTWRXL	XLG	Blue
500XTWRXXL	XXL	Red

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL

EN388 3122

CE NB2056 CEC40055

Wrangler

The Wrangler Rigger/Drivers Handling Glove is a quality glove designed to protect your hands in all work situations.

Constructed from quality cow split leather in a generous sizing, and lined with soft felt to keep your hands warm while maintaining good dexterity and movement.

- Quality cow split leather.
- Generous hand sizing.
- Soft felt lining to keep hands warm while maintaining good dexterity and comfort.
- Double stitching for extra durability.
- Length 250mm.
- Certified by SAI Global to AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 4144 Performance AS/NZS 2161.3/ EN388 – 3544.
- Packaging: Hook/ Swing Card.

Part Number	Size
WRG250	LRG
WRG250XL	XLG

Certified Product AS/NZS 2161.3:2005 LN# SMK40216 SAI GLOBAL

EN388 4144

CE NB2056 CEC40055

Handling Gloves

Eureka®

Eureka® Premium Reinforced Handling Glove offers a superior quality reinforced leather palm and a heavy duty safety cuff.

Part Number	Size
TMKB10P	LRG

- Superior quality chrome leather palm.
- Reinforced palm, thumb and first finger.
- Knuckle bar style with heavy duty safety cuff.
- Seams are sewn with heat resistant Kevlar thread for extra durability.
- Lined palm for additional protection and comfort.
- Length: 270mm.
- AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 3232.

EN388 **3232**

Fighter®

The Fighter® set the standard for premium handling gloves that others have tried to copy.

Part Number	Size
KB436A	LRG

- Superior quality chrome leather palm.
- Knuckle bar style with heavy duty safety cuff.
- Seams are sewn with heat resistant Kevlar® thread for extra durability.
- Lined palm for additional protection and comfort.
- Length: 270mm.
- AS/NZS 2161.3:2005 Occupational protective gloves – Protection against mechanical risks. Performance AS/NZS 2161.3/ EN388 – 3232.

EN388 **3232**

Economy Rigger

- Soft grain leather.
- Shirred elastic back for snug fit.
- Good durability.
- Sizes available: MED, LRG and XLG.
- Length: 250m.

Part Number	Size
400WRM	MED
400WRL	LRG
400WRXL	XLG

Candy Stripe

- Candy stripe economy handling glove
- Knuckle bar style
- Leather palm
- Safety cuff
- Length: 270mm

Part Number	Size
MKB10M	LRG

WELDING GLOVES

Welding Gloves

Protective gloves for welders are designed to protect the hands and the wrists during the process of welding and related tasks. Protective gloves for welders protect against small splashes of molten metal, short contact exposure to limited flame, convective heat and contact heat and UV radiation from the arc.

For the professional welder wearing the right glove is a critical decision. The right welding gloves can make a tremendous difference in a welders speed, ability, and safety. When considering the right welding glove for your work, look for the right balance of the following:

- Flexibility
- Comfort
- Durability
- Heat resistance and protection

Types of Welding Gloves

Welding Gloves can be grouped into 5 main types:

- **Stick Welding** – Stick welding gloves are made of thick leather for maximum protection from heat and splatter.
- **MIG Welding** – MIG welding gloves are made of thick/medium leather. They provide flexibility that is required for the MIG welding process.
- **TIG Welding** – TIG welding gloves are made of thin leather to ensure the maximum level of flexibility and dexterity which is required for the TIG Welding process.
- **Driving Gloves** – Driving gloves can be made of various types of leather, are unlined and can be used in mainly the TIG welding process.
- **Simple Leather Gloves** – Simple single layer unlined leather gloves are mainly used for general or home welding projects. They are made of thin low-quality leather and are unlined.

MIG/ Stick Welding Gloves

MIG and stick welding or shielded metal arc welding generates the highest heat, it also requires the least amount of dexterity due to the simplicity of the process. MIG and stick welding gloves are usually thicker and lined to provide the highest level of heat and spatter protection.

TIG Welding Gloves

The TIG welding process requires a high degree of dexterity or "feel" to feed the tungsten electrode into the TIG torch or gun. TIG gloves must be able to consume high levels of heat but lower levels of spatter. TIG gloves are available in a wide size range as a closer, snug fit is required. High dexterity on the forefinger and thumb is very important. Goat or pigskin and the most common leathers used in TIG Gloves. If lined the back of the hand and cuff are lined for additional heat protection but the palm is usually unlined.

TIG Shield

A TIG Shield is designed to provide additional heat protection to your fingers during those long hot welds. It simply slips over your fingers.

Glove Savers

Glove savers slip over the Stick or MIG welding glove to provide additional heat protection. The rear of the glove saver is made of an aluminised material which offers excellent radiant heat protection and the palm is made of leather for additional abrasion protection and durability.

Welding Glove Materials

Types and qualities of leather

There are various types of leather used in welding gloves, visit elliotts.net for detailed information on the types of leathers used in welding gloves.

Linings

Linings are used to improve comfort, manage perspiration and provide additional heat resistance and protection. The type of lining material and its placement is dependent on the type of welding glove.

- **Stick/MIG** – Stick and MIG welding gloves are usually fully lined. The cuff, palm and back of hand are fully lined to provide additional 360 degree heat resistance over the whole hand and cuff area.
- **TIG** – TIG gloves are either unlined or lined on the back of hand and or cuff. The palm is not lined to ensure maximum dexterity and tactile sensitivity.

Lining materials:

- Woven Cotton linings (100% cotton) – used in the cuff area.
- Cotton Jersey (100% cotton) – used in the palm/ hand area.
- Dynamax® Cut 5 materials – used in the palm/ hand area.

Sewing Thread

The type of sewing thread used in a welding glove can greatly affect its durability. There are generally two options when it comes to thread; cotton or Kevlar® (Para-aramid). Kevlar® sewing thread is heat resistant and significantly stronger and more durable than cotton threads. The majority of Elliotts welding gloves are sewn with Kevlar® thread.

Welding Glove Design

Design

Basic or traditional design which comprises the fewest parts sewn together to create a "flat" glove. The design may incorporate a liner to offer additional heat protection and or moisture management. This design also reduces the number of seams. This traditional design is very practical and effective in most welding applications.

Elliotts newer welding gloves are ergonomically designed and feature three-dimensional patterns designed to fit the natural contours of the hand. These newer designs offer improved levels of comfort and also the hand to rest in a relaxed position which can help reduce hand fatigue.

Length

The length of the glove is usually determined by the welding process.

MIG/ Stick Gloves are usually 406mm or 16" to ensure full forearm protection for the spatter and dross. Elliotts also offers the Big Red, Kevlar Blue and Leftie in XT or extended versions offering full arm protection up to the shoulder.

TIG Welding gloves are usually shorter 12" or 279mm as the TIG welding process doesn't produce as much spatter and dross at Stick and MIG. Elliotts do offer the TigMate in a 16" or 406mm length.

Sizing and Fit

Universally-sized or one-size-fits-all gloves are rarely the best option when selecting any hand protection, especially welding gloves. Comfortable, well-sized gloves provide the wearer with the best control of the tools they are using and the materials they are handling.

Stick/MIG Gloves sizes are usually more generous for several reasons. Firstly the welding processes do not require a high level of dexterity a more generous size can fit a wider range of hand sizes. The main reason for a more loosely fitting glove is to ensure the glove can be removed quickly, they are "thrown off" or "flicked off" if hot material falls into the glove. Most glove manufacturers offer one-size-fits-all welding gloves, Elliotts offer several gloves including the Big Red and Kevlar blue in a wide range of sizes from Small to 2XL to suit all hand sizes.

TIG Gloves are snug fitting to ensure high levels of dexterity or feel. The majority of Elliotts TIG welding gloves are available in sizes Small to 2XL to ensure there is a comfortable snug fit for all hand sizes.

Welting

Welting is the thin layer of leather that is sewn between two layers of material. This additional layer helps protect the seam and improves durability. Welting is generally used in vulnerable seams. Elliotts uses welting extensively which improves the durability and longevity of our gloves.

Reinforcements

Additional layers of material can be used in high wear or high heat areas to improve durability and or protection. Common areas of reinforcement include, palm and thumb crutch, knuckle and fingertips.

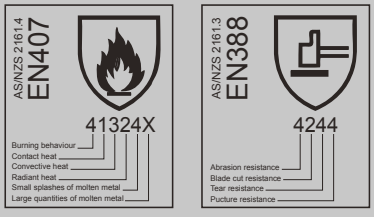
Kevlar Blue Series

Kevlar® Blue™

The Kevlar® Blue™ welding glove sets the standard for protection for boiler making and heavy duty welding. The Kevlar® Blue™ is designed for extra durability with addition leather reinforcing covering the palm and thumb area. The extra reinforcing knuckle bar strip across the back of the hand protects the knuckles and offers additional abrasion protection. We only use the highest quality leather and cotton liners and all wear seams are welted for additional protection and all seams are sewn with heat resistant Kevlar® thread for extra durability.

Many have tried to copy our glove and failed to meet the quality and protection levels that the original Kevlar® Blue™ continually offers.

- Manufactured from soft, premium, selected butt leather.
- Addition leather reinforcing covering the palm and thumb area.
- Extra reinforcing knuckle bar strip across the back of the hand.
- Wear seams are welted for additional protection and wear life.
- Sewn with heat resistant Kevlar® thread for extra durability.
- Available in two lengths: 406mm and 680mm (Kevlar® Blue™ XT).
- Available in various sizes: SML, MED, LRG, XLG.
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type A.
- Packaging: Header Card/ Bag.



Certified Product
AS/NZS
2161.4:1999
Lic# SMKH22088

Kevlar® Blue™

Part Number	Size
300RKBSML	SML
300RKBMED	MED
300RKB	LRG
300RKBXLG	XLG

Kevlar® Blue™ XT

Part Number	Size
300RKBXT	LRG

Big Red Series

Big Red®

The Big Red® welding glove is famous in the Australasian welding market and sets the benchmark for professional welding gloves. The Big Red® is designed for extra durability and comfort, we only use the highest quality materials. Our leather is carefully selected to be soft and of high quality and our liners are cotton for additional comfort and additional flame resistance.

Many have tried to copy our glove and failed to meet the quality and protection levels that the original Big Red® continually offers. We know welders come in all shapes and sizes so the Big Red® is available in various sizes. We have a big red to fit you, male or female, small or large.

- Manufactured from soft, premium, selected red butt Big Red® leather.
- Fully lined with 100% cotton to improve heat protection and manage perspiration.
- Wear seams are welted for additional protection and wear life.
- Sewn with heat resistant Kevlar® thread for extra durability.
- Available in two lengths: 406mm and 680mm (Big Red XT).
- Available in various sizes: SML, MED, LRG, XLG, 2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type A.
- Packaging: Header Card/ Bag.

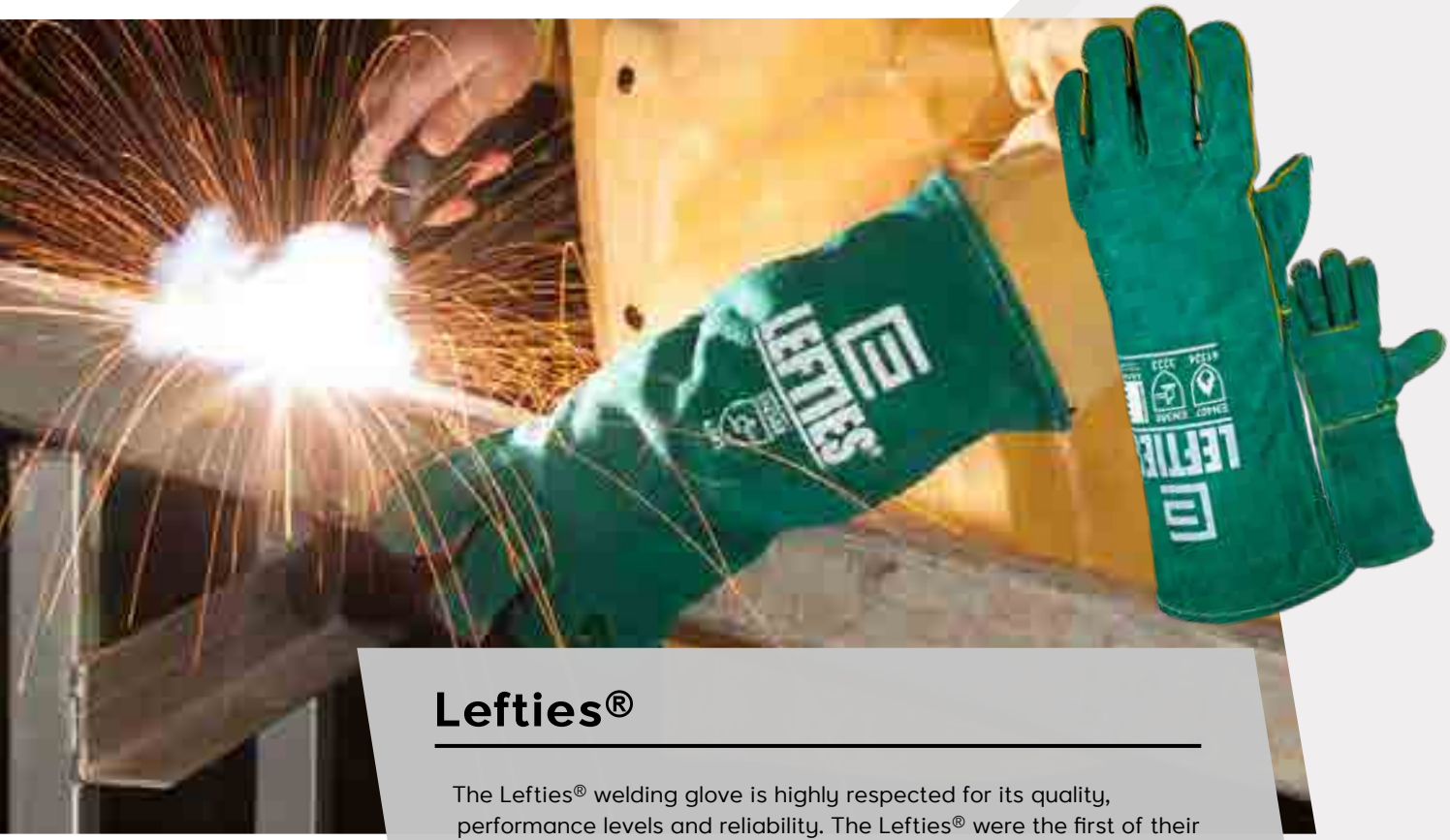
Big Red®

Part Number	Size
300FLWKTS	SML
300FLWKTM	MED
300FLWKT	LRG
300FLWKTXL	XLG
300FLWKTXXL	2XL

Big Red® XT

Part Number	Size
300FLWKTXT	LRG

Lefties Series

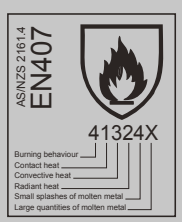


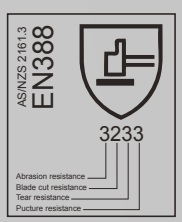
Lefties®

The Lefties® welding glove is highly respected for its quality, performance levels and reliability. The Lefties® were the first of their kind and were created to satisfy welding situations when the left-handed gloves wear out faster than the right. The Lefties® are designed for durability and comfort utilising quality leather and cotton liners. Wear seams are welted for additional protection and all seams are sewn with heat resistant Kevlar® thread for extra durability.

- Two fully lined left-handed gloves.
- Quality green butt leather.
- Fully lined with 100% cotton to improve heat protection. and manage perspiration.
- Wear seams are welted for additional protection and wear life.
- Sewn with heat resistant Kevlar® thread for extra durability.
- Available in two lengths: 406mm and 680mm (Lefties® XT).
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type A.
- Packaging: Header Card/ Bag.

Part Number	Length	Size
4062LHO	406mm	LRG
4062LHOXTLRG	680mm	LRG



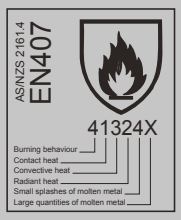


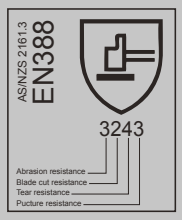
WAKATAC®

WAKATAC® Welding Gloves

The WAKATAC® welding glove is highly respected for its quality, performance levels and reliability. The WAKATAC® is designed for durability and comfort utilising quality leather and cotton liners. Wear seams are welted for additional protection and all seams are sewn with heat resistant Kevlar® thread for extra durability.

- Manufactured from select Red Butt leather.
- Fully lined with 100% cotton to improve heat protection and manage perspiration.
- Wear seams are welted for additional protection and wear life.
- Sewn with heat resistant Kevlar® thread for extra durability.
- Length: 406mm.
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type A.

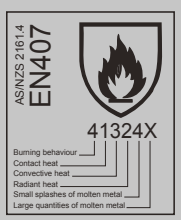


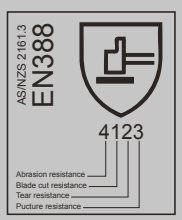


Part Number	Size
300WAK	LRG

Black & Gold

- Economical quality cow split leather.
- Fully lined with 100% cotton to improve heat protection and manage perspiration.
- Wear seams are welted for additional protection and wear life.
- Length: 406mm.
- One size fits most.
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type A.





Part Number	Size
BGFLW16	LRG

Glove Savers

Glove Saver

A Glove Saver is designed to do what its name says, "save your gloves".

By wearing a glove saver you provide additional radiant heat protection to the back of the hand and well as additional abrasion and wear protection to the palm area. Elliotts Glove Savers come in three styles:

- Standard glove saver.
- Aluminised back to reflect radiant heat.
- Chrome leather palm and cut off thumb.

Part Number	Description
AGS4L	Left Hand
AGS5L	Right Hand

Reinforced Glove Saver

- Aluminised back to reflect radiant heat.
- Back reinforced with an extra layer of leather.
- Chrome leather palm and cut off thumb.

Part Number	Description
AGS10L	Left Hand
AGS11L	Right Hand

High Heat Glove Saver

- Double layered back.
- Outer Layer – Woven Kevlar.
- Inner Layer – Aluminised Preox.
- Chrome leather palm and cut off thumb.

Part Number	Description
APNKGCL	Left Hand Only
APNKGCR	Right Hand Only

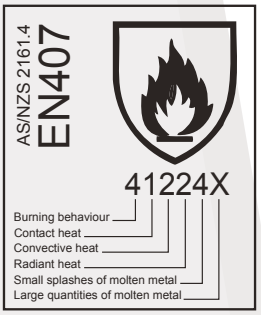
TIGMATE SERIES

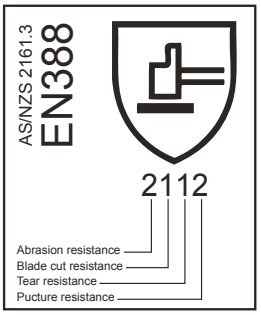
Tigmate® Pro

The TigMate® Pro is the professionals' premium welding glove choice and has been designed to offer extra sensitivity and touch and to be extremely comfortable. The premium materials offer a great balance between sensitivity, comfort and protection.

1. Soft goatskin palm for extra sensitivity and touch.
2. FR Fabric back of hand and cuff for heat resistance and breathability.
3. Leather reinforced knuckle section, finger walls and backs of fingers and thumb.
4. Reinforced/ padded wear patch on side of palm.
5. Sewn-in, heat resistant Kevlar thread for extra durability.
6. Leather reinforced pull strip.

- Available in MED, LRG, XLG and 2XL.
- EN 12477 Welding Glove Type B.
- Packaging: Hook/ Swing Card.





Certified Product
AS/NZS
2161.4:1999
Lic# SMKH22088

TIGMATE® PRO

Part Number	Size
TIGPROMED	MED
TIGPROLRG	LRG
TIGPROXLG	XLG
TIGPRO2XL	2XL

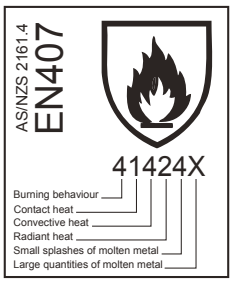
Tigmate Series

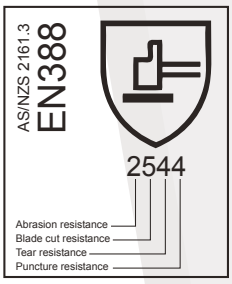
Tigmate® Pro C5 Tig

The Tigmate® Pro C5 is the professionals' premium welding glove choice when high cut resistance is required. The glove has been designed with Dynamax Cut 5 material in the palm and fingers excluding black leather fingertip sections of thumb, forefinger and middle finger to maintain high levels of sensitivity and touch. The premium materials offer a great balance between sensitivity, comfort and protection.

1. Soft goatskin palm for extra sensitivity and touch.
2. Super soft goatskin leather fingertips for additional sensitivity when TIG Welding.
3. FR Fabric back of hand and cuff for heat resistance and breathability.
4. Leather reinforced knuckle section, finger walls and backs of fingers and thumb.
5. Cut 5 palm, fingers and thumb (excluding black leather fingertip sections of thumb, forefinger and middle finger).
6. Reinforced/ padded wear patch on side of palm.
7. Sewn- in, heat resistant Kevlar thread for extra durability.
8. Leather reinforced pull strip.

- Available in MED, LRG, XLG and 2XL (sizing very fitted – suggest users go one size up).
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type B.
- Packaging: Hook/ Swing Card.





Certified Product
AS/NZS 2161.4:1999
Lic# SMKH22088

TIGMATE® PRO C5

Part Number	Size
TIGPROC5MED	MED
TIGPROC5LRG	LRG
TIGPROC5XLG	XLG
TIGPROC52XL	2XL

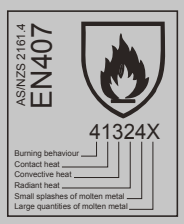
Tigmate® RX Tig

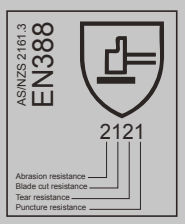
The Tigmate® RX Tig Welding Glove offers a soft goatskin palm for extra sensitivity and touch, with the back of the index and middle fingers reinforced with an extra layer of leather for additional heat protection.

1. Soft goatskin palm for extra sensitivity and touch.
2. Black split leather cuff.
3. Shirred elastic back for a snug fit.
4. Reinforced first and second finger backs for extra heat resistance.
5. Sewn-in, heat resistant Kevlar thread for extra durability.

- Available in MED, LRG, XLG and 2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type B.
- Packaging: Hook/ Swing Card.

Part Number	Size
TIGRXMED	MED
TIGRXLRG	LRG
TIGRXXLG	XLG
TIGRX2XL	2XL



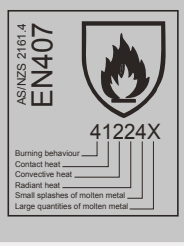


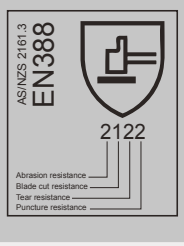
Tigmate® RT Tig

1. Soft goatskin palm for extra sensitivity and touch.
2. Gold split leather cuff.

- Available in MED, LRG, XLG and 2XL.
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type B.
- Packaging: Hook/ Swing Card.

Part Number	Size
TIGRTMED	MED
TIGRTLRG	LRG
TIGRTXLG	XLG
TIGRT2XL	2XL





Tigmate Series

Tigmate®

The Tigmate® is made from the finest top grain pigskin leather which is known for its breathability, softness and comfort. As TIG welding only generates low heat with minimal sparks, the glove is unlined and the soft pig grain leather provides optimal dexterity providing the wearer with improved touch sensitivity. The Clute pattern ensure maximum comfort with all seams sewn with Kevlar® thread to resist sparks and improve durability.

- Quality soft grain leather
- Unlined for dexterity and soft touch
- Clute pattern
- Sewn with heat resistant Kevlar® thread for extra durability
- Available in two lengths: 279 mm and 380mm
- Available in sizes: S, M, L, XL
- Certified by SAI Global to AS/NZS 2161.3:2005 (EN 388) Occupational protective gloves – Protection against mechanical risks and AS/NZS 2161.4:1999 (EN 407) Occupational protective gloves – Protection against thermal risks (heat and fire).
- EN 12477 Welding Glove Type B.

TIGMATE®

Part Number	Length	Size
TIG11S	280mm	SML
TIG11M	280mm	MED
TIG11L	280mm	LRG
TIG11XL	280mm	XLG
TIG16S	380mm	SML
TIG16M	380mm	MED
TIG16L	380mm	LRG
TIG16XL	380mm	XLG

Tigshield Series

Tigshield™

The Tigshield™ slips easily over your finger or fingers and provides import heat protection that allows you to slide smoothly over hot surfaces and weld for longer!

- Fits over most TIG Welding Gloves.
- Protect 1 or 2 fingers.
- Slide smoothly over hot surfaces.
- Weld longer and stay cool!

Part Number	Size
ELG8020	One Size Fits All

HEAT RESISTANT GLOVES AND MITTS

Heat Resistant Gloves and Mitts

SELECTING YOUR HEAT RESISTANT GLOVE

Specialised Heat Resistant Gloves are essential for workers who are exposed to extreme heat hazards. It is important to understand the types of heat hazards, glove standards and test methods and how to choose the most appropriate glove or mitt to provide the best possible protection for your workplace.

Recognised Heat Resistant Glove Experts

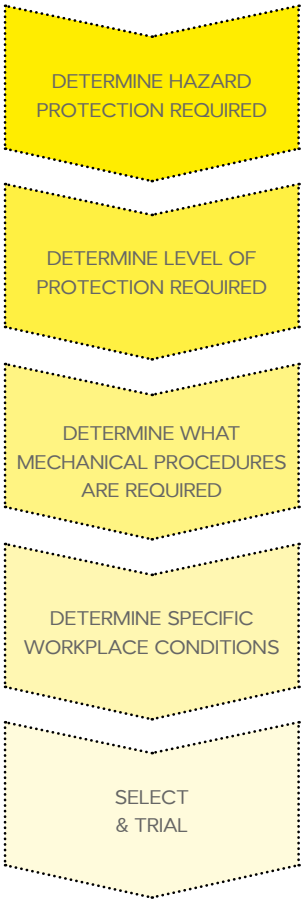
Elliotts have been designing and manufacturing specialised gloves for over 50 years. Our Australian based Design and Development Team are continually searching the world for new technologies and developing our own unique materials.

Testing to International Standards

Elliotts focus heavily on testing and where possible independently certifying our gloves to Australian and International Standards. AS/NZS 2161.4:1999 - Protection against thermal risks (heat and fire) which is based on EN407 is the industry standard. All Elliotts Heat Resistant gloves have been independently tested to AS/NZS 2161.4:1999 and where possible are certified to that standard by SAI Global.

Heat Glove Selection Process

We are always helping our customers select the right hand protection for their workplace. Follow the Heat Glove Selection Process below to help you choose the most appropriate glove or call us and one of our experienced Account Managers. We can help you with this process and have specialised spot thermal (infrared) cameras with IR spot meters for effectively calculating the heat levels at your workplace.



What type of hazard protection do I need?

- Contact heat?
- Convective Heat?
- Radiant Heat?
- Molten metal splash protection?
- Dry or Moist?

What level of protection do I need?

- What are the temperatures you are working in?
- What are the temperatures of the tools, equipment and other items that need to be handled?

What is the most important hazard?

- Of the hazards above what is the most important?

What mechanical properties are important?

- Abrasion – are you handling highly abrasive materials?
- Blade Cut – are you handling items with sharp edges?
- Tear – are you handling items where glove materials can get snagged and tear?
- Puncture – are you handling sharp objects that can puncture your gloves?

What specific workplace conditions should be considered?

- What role specific tasks are being undertaken?
- What tools, equipment and other items need to be handled and how long for?
- What levels of dexterity are required?
- How long are you working for?
- How long are your rest breaks?
- Is forearm protection required?
- What other PPE needs to be worn with your gloves?

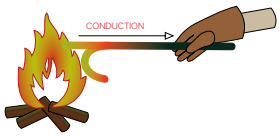
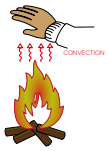
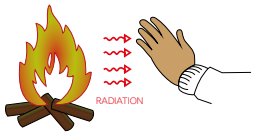
Select and Trial

- The final step in the process is to select a glove and conduct a workplace trial to ensure the selected glove is suitable for your specific requirements.

Heat Resistant Gloves and Mitts

KNOW YOUR HEAT HAZARDS

Heat transfer is the physical act of thermal energy being exchanged between two systems by dissipating heat. Temperature and the flow of heat are the basic principles of heat transfer. The amount of thermal energy available is determined by the temperature, and the heat flow represents movement of thermal energy. Heat transfer can be grouped into three broad categories: conduction (Contact Heat), convection (Convective Heat), and radiation (Radiant Heat).

Conduction (Contact Heat) Conduction transfers heat via direct molecular collision. An area of greater kinetic energy will transfer thermal energy to an area with lower kinetic energy. Conduction is the most common form of heat transfer and occurs via physical contact. Examples would be to place your hand against a hot object or place metal into an open flame.	
Convection (Convective Heat) When a fluid, such as air or a liquid, is heated and then travels away from the source, it carries the thermal energy along. This type of heat transfer is called convection. The fluid or air above a hot surface expands, becomes less dense, and rises.	
Radiation (Radiant Heat) Thermal radiation generates from the emission of electromagnetic waves. These waves carry the energy away from the emitting object. All materials radiate thermal energy based on their temperature. The hotter an object, the more it will radiate. The sun is a clear example of heat radiation that transfers heat across the solar system. Simply radiant heat is the transfer of heat between hot and cold bodies without contact between them.	
Molten Metal Splashes Molten metal splash hazards exist whenever metal is being melted, poured or molded. The addition of wet materials to the molten bath can cause an explosion. Molten materials can also be spilt or splashed when being transferred from one vessel to another.	
Dry or Moist If your thermal hazard is also moist then a neoprene dipped glove should be used. These gloves are designed for handling hot liquids such as water, oils and selected chemicals, handling hot items that are covered in liquids, food handling applications in bakeries and for protection from steam.	

MAGNASHIELD® HEAT RESISTANT GLOVES

The MagnaShield® range of Heat Resistant Glove and mitts covers are manufactured from a variety of the latest materials to provide protection from all heat hazard types.

Aluminised

MagnaShield® Aluminised gloves are designed for applications where protection from high radiant heat is required, the aluminised back of hand reflects the radiant heat and also offers protection from other hazards.

The MagnaShield® Aluminised range is available in 3 palm materials:

- **Woven Aramid:** the high performance glove ideal for applications with high radiant heat where hot items are required to be handled for longer periods.
- **Heat Treated Leather:** ideal for applications where standard leather may be drying out. Heat Treated Leather is designed to handle higher contact heat levels for longer periods.
- **Leather:** entry level glove with good mechanical performance, ideal for handling items and tools with low heat levels.

All gloves are fully lined with a T-GARD® N260, an inherently flame resistant aramid felt offering excellent thermal properties.

Aramid

MagnaShield® Aramid gloves and mitts are designed for applications where contact and convective heat are hazards and are available in 305mm and 457mm lengths. The Aramid range utilises two fabric combinations:

- **Loop Pile:** Loop pile aramid is utilised throughout the whole glove or mitt including palm, back of hand and cuff. This option offers high levels of contact and excellent convective heat protection with added cut and abrasion resistance.
- **Woven:** Woven Aramid is utilised throughout the whole glove including palm, back of hand and cuff. This option offers high levels of contact and convective heat protection with added cut and abrasion resistance. This option offers better durability and slightly better radiant heat protection than the Woven/Felt option.
- Woven/ Felt: Woven aramid is utilised on the palm which provides better mechanical performance and Aramid felt it utilised on the back of the hand and cuff which more economical but still offers excellent protection and improved small metal splash protection than the Woven option.

All gloves and mitts are fully lined with a T-GARD® N260, an inherently flame resistant aramid felt offering excellent thermal properties.

E-Glass

- HeatShield®: HeatShield® is manufactured from E Glass fibre which is a non-combustible, flexible, inorganic material that has a continuous service temperature of 500°C.
- T1000®: T1000® is manufactured from E Glass Fibre which is a non-combustible, flexible, inorganic material that has been treated to withstand higher temperatures that HeatShield. The T1000® fabric has a continuous service temperature of 800°C.

All mitts are fully lined with a T-GARD® N260, an inherently flame resistant aramid felt offering excellent thermal properties.

Neoprene Dipped

MagnaShield Neoprene dipped gloves are designed to be used in applications where there is moisture or hot liquids. These gloves are designed for handling hot liquids such as water, oils and selected chemicals, handling hot items that are covered in liquids, food handling applications in bakeries and for protection from steam.

- ChemVex® NX20 provides protection up to 200 °C
- ChemVex® NX50 provides protection up to 400 °C

Heat Resistant Gloves and Mitts

STANDARDS

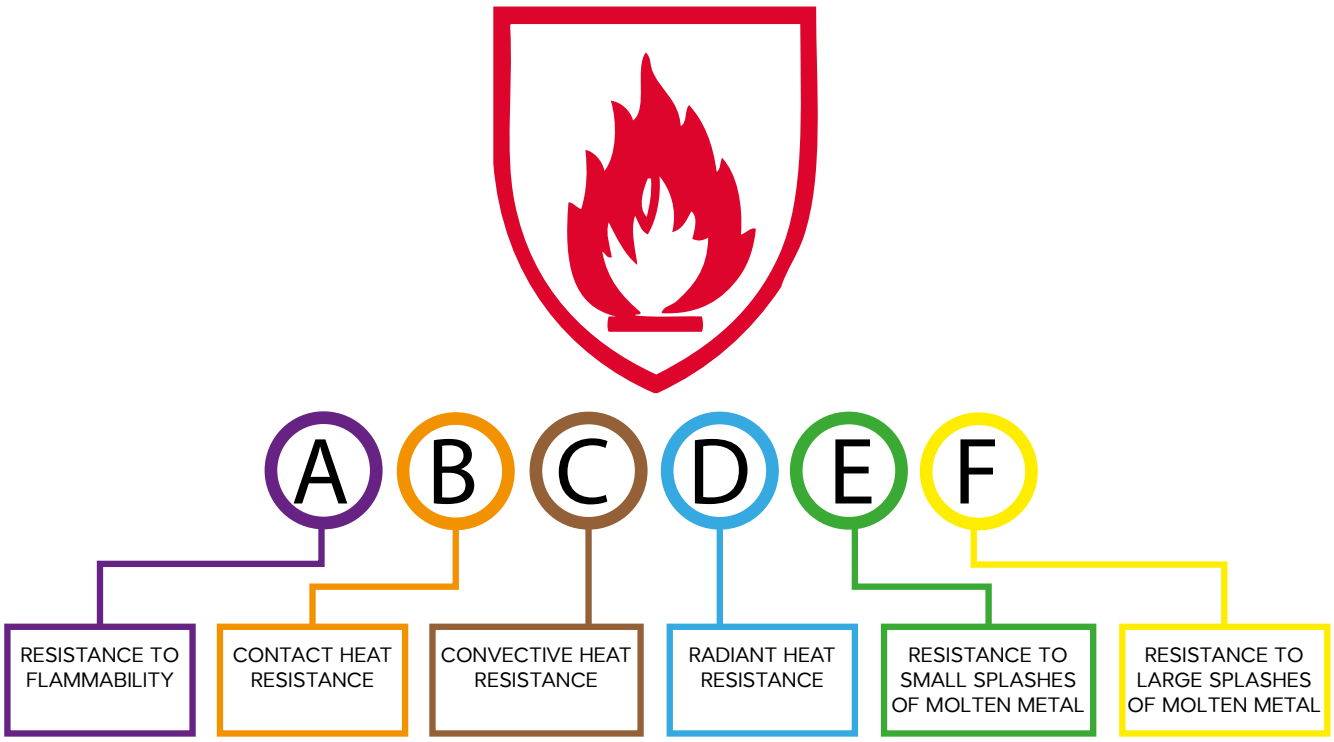
AS/NZS 2161.4:1999 - Protection against thermal risks (heat and fire) EN407

Scope

This standard specifies thermal performance for protective gloves against heat and/or fire. It is expressed by using the heat and flame pictogram.

Definition and Requirements

The nature and degree of protection is shown by a pictogram followed by a series of six performance levels, relating to specific protective qualities. Gloves must also achieve at least Performance level 1 for abrasion and tear.



A - RESISTANCE TO FLAMMABILITY (PERFORMANCE LEVEL 0-4)

Based on the length of time the material continues to burn and glow after the source of ignition is removed. The seams of the glove shall not come apart after an ignition time of 15 seconds.

Burning Behaviour is tested according to EN ISO 6941 with the glove mounted and tested vertically. A flame is placed directly below and in line with the glove at an angle of 30° and a distance of 20mm. The glove is tested for each ignition time i.e. 3 seconds and 15 seconds. The flame time and afterglow time for each performance level is as follows:

Performance Level	After Flame Time (s)	After Glow Time (s)
1	20	No req
2	10	120
3	3	25
4	2	5

B - CONTACT HEAT RESISTANCE (PERFORMANCE LEVEL 0-4)

Based on the temperature range (100-500oC) at which the user will feel no pain for at least 15 seconds. If an EN level 3 or higher is obtained, the product shall record at least EN level 3 in the flammability test. Otherwise, the maximum contact heat level shall be reported as level 2.

Contact Heat is tested according to EN 702. Samples are taken from the palm area and placed in contact with a cylinder of the appropriate temperature. To gain the relevant performance level, the temperature of the inside of the glove cannot rise by more than 10°C within the threshold time.

Performance Level	Contact Temp °C	Threshold Time
1	100	15
2	250	15
3	350	15
4	500	15

C - CONVECTIVE HEAT RESISTANCE (PERFORMANCE LEVEL 0-4)

Based on the length of time the glove is able to delay the transfer of heat from a flame. A performance level shall only be mentioned if a performance level of 3 or 4 is obtained in the flammability test.

Convective Heat is tested according to EN 367 : 1992. Samples are subjected to the incident heat from a flame, and the heat passing through to the inside of the glove is measured. The time to record a temperature rise of 24°C is the Heat Transfer Index (HTI).

Performance Level	Heat Transfer Index HTI (s)
1	4
2	7
3	10
4	18

D - RADIANT HEAT RESISTANCE (PERFORMANCE LEVEL 0-4)

Based on the length of time the glove is able to delay the transfer of heat when exposed to a radiant heat source. A performance level shall only be mentioned if a performance level 3 or 4 is obtained in the flammability test.

Radiant Heat is tested according to EN ISO 6942 : 2002. The back of the sample is exposed to radiant heat density of 20kW/m2 and the time taken for the temperature on the inside of the glove to rise 24°C gives the performance level.

Performance Level	Heat Transfer Index HTI (s)
1	7
2	20
3	50
4	95

E - RESISTANCE TO SMALL SPLASHES OF MOLTEN METAL (PERFORMANCE LEVEL 0-4)

The number of molten metal drops required to heat the glove sample to a given level. A performance level shall only be mentioned if a performance level 3 or 4 is obtained in the flammability test.

Resistance to small splashes of molten metal is tested according to EN 348 : 1992. Molten drops from a metal rod melted by exposing the rod to a flame are allowed to fall on the sample. The number of drops required to the raise the temperature on the inside of the glove by 40°C gives the performance level.

Performance Level	Heat Transfer Index HTI (s)
1	10
2	15
3	25
4	35

F - RESISTANCE TO LARGE SPLASHES OF MOLTEN METAL (PERFORMANCE LEVEL 0-4)

The weight of molten metal required to cause smoothing or pin-holing across a simulated skin placed directly behind the glove sample. The test is failed if metal droplets remain stuck to the glove material or if the specimen ignites.

Resistance to large splashes of molten metal is tested according to EN 373 : 1993. A quantity of molten iron is poured onto the sample, which has a PVC film mounted behind the sample. This film must not show any changes to the surface (such as discrete spots or damage) when the sample is exposed to the quantity of molten iron as shown in the following table:

Performance Level	Heat Transfer Index HTI (s)
1	30
2	60
3	120
4	200

Heat Resistant Gloves and Mitts

PERFORMANCE DATA

	Abrasion	Blade Cut	Tear	Puncture	BURNING (WHOLE GLOVE)	CONTACT HEAT (PALM)	CONVECTIVE HEAT	RADIANT HEAT	SMALL	LARGE
					Seconds	Seconds	Seconds	Seconds	Drops	Drops
ARAMID (woven)										
KGLFW12FK	3	5	4	3	4	3	4	3	3	N/A
					After Flame: 0 After Glow: 0 No damage	100°C: 114 250°C: 25 350 °C: 18 500°C: 13	Back: 30 Palm: 30	72	Palm: 30 (Level 3) Back: 30 (Level 3)	
KGL12FK	3	5	4	4	4	3	4	3	3	N/A
					After Flame: 0 After Glow: 0 No damage	100°C: 107 250°C: 27 350 °C: 18 500°C: 13	Back: 30 Palm: 28	61	Palm: 25 (Level 3) Back: 41 (Level 4)	
KGLP12	3	5	4	4	4	3	4	3	4	
					After Flame: 0 After Glow: 0 No damage	100°C: 94 250°C: 25 350 °C: 19 500°C: 12	Back: 42 Palm: 42	62	Palm: >45 (Level 4) Back: >45 (Level 4)	
ARAMID (knitted)										
ELG8000	3	3	4	x	x	4	4	3	x	x
					x	350 °C: 30 500°C: 21	Back: 37 Palm: 37	56	x	x
ELG8010	4	3	4	2	x	2	2	x	x	x
					x	100°C: 56 250°C: 21 350 °C: 14	Back: 9 Palm: 20	x	x	x
ALUMINISED										
APG16WS	3	2	4	4	4	1	3	4	4	NA
					After Flame: 0 After Glow: 0 No damage	100°C: 46 250°C: 11	Back: 11s Palm: 15s	251	Palm: 45 (Level 4) Back: >45 (Level 4)	N/A
APG16WSP	3	2	4	4	4	1	3	4	4	x
					After Flame: 0 After Glow: 0 No damage	100°C: 50 250°C: 11	Back: 11 Palm: 17	278	Palm: 45 (Level 4) Back: >45 (Level 4)	x
APG16WSK	3	5	4	3	4	3	3	4	3	x
					After Flame: 0 After Glow: 0 No damage	100°C: 109 250°C: 27 350 °C: 20 500°C: 13	Back: 12 Palm: 24	279	Palm: 32 (Level 3) Back: >45 (Level 4)	x
E-GLASS										
HSM16WL	2	5	4	2	4	4	4	3	0	x
					After Flame: 0 After Glow: 0 No damage	100°C: 132 250°C: 36 350 °C: 28 500°C: 18	Back: 29 Palm: 29	83	Palm: 8 (Level 0)	
TM16WL	2	4	4	2	4	4	4	3	0	x
					After Flame: 0 After Glow: 0 No damage	100°C: 168 250°C: 34 350 °C: 24 500°C: 16	Back: 30 Palm: 30	69	Palm: 8 (Level 0)	
NEOPRENE DIPPED										
ELG7520	2	2	2	2	3	2	x	x	4	x
					???	???	x	x	???	x
ELG7550	1	2	2	2	4	3	x	x	4	x
					After Flame time: 0 After Glow time: 0 No damage	350 °C: 19 500°C: 13	x	x	Palm: > 35 (Level 4) Back: > 35 (Level 4)	

Specialised Heat Resistant Gloves

ChemVex® NX20

ChemVex® NX20 is a heat and oil resistant neoprene dipped glove with a double layer jersey liner. Crinkled finish offering excellent grip in both dry and wet working conditions providing protection from -20 up to 200 °C.

- Neoprene coating providing excellent heat resistance up to 200 °C.
- Excellent resistance to oils, chemicals and greases.
- Crinkled finish offering excellent grip in both dry and wet working conditions.
- Double lined jersey contributing great warmth working under -20 °C.
- Unique coating formulation contributing extra flexibility and reducing hand fatigue.

Part Number	Size	Length
ELG752010	10	45 cm

EN388 2222

EN407 32xx4x

ChemVex® NX50

ChemVex® NX50 is a heavy duty heat and oil resistant neoprene dipped glove with a double layer jersey liner. Crinkled finish offering excellent grip in both dry and wet working conditions providing protection from -50 up to 400 °C.

- Neoprene coating providing excellent heat resistance up to 400 °C.
- Excellent resistance to oils, chemicals and greases.
- Crinkled finish offering excellent grip in both dry and wet working conditions.
- Double lined jersey contributing great warmth working under -50 °C.
- Extra removable liner allowing to wash and dry easily.

Part Number	Size	Length
ELG755008	8	45 cm
ELG755010	10	45 cm

EN388 2222

EN407 43xx4x

MagnaShield DLK35

MagnaShield DLK35 is a heavy duty double layers knitted heat resistant glove. Knitted Aramid/ Cotton blend providing flexible and comfortable high heat protection with specialised silicone strip coating providing excellent grip.

- Contact temperature level 4 (500 degrees C) requires 15 seconds while Fortes HC35 achieved 21 seconds; Convective heat level 4 requires 18 seconds while HC35 achieved 37 seconds.
- Exclusive technology of double layer liner offering the best protection against high temperature.
- The MOST flexible & comfortable heat resistant glove in the market, well up to 500 °C.
- Both sides silicone coated providing excellent grip, extra heat resistance and durability.
- 360° breathability to keep your hands cool while wearing
- Multiple launderings while both heat and cut resistant level remain the same.

Part Number	Size	Length
ELG800009	9	35 cm
ELG800010	10	35 cm

EN388 334x

EN407 x443xx

G-Flex TempX Heat Resistant Glove

G-Flex® TempX Heat Resistant Glove is ideal for handling hot parts, welded steel, ceramic moulds and other hot objects where high levels of dexterity is required.

- Contact heat resistance Level 2 - 250°C for 15 seconds.
- Knitted aramid liner provides Cut 3 protection and heat resistance.
- Special nitrile coating with raised dots for extra grip and heat protection.
- Ideal for precision work handling hot oily parts.
- Excellent abrasion resistance.
- Comfortable terry cloth lining.
- Available in size 9 and 11.

Part Number	Size	Cuff Colour
ELG801009	9	White
ELG801011	11	Brown

EN388 4342

EN407 X22XX

Certified Product AS/NZS 2161.3:2005 LN# SMK40139 SAI GLOBAL

MagnaShield®
Aluminised Series

The MagnaShield Aluminised Heat Resistant Glove Series is designed to be worn in environments where there are large amounts of radiant heat. The back of the glove is made from PR720 Aluminised Preox which is tough yet flexible and offers excellent resistance to radiant heat as well as molten metal splash. Each style is lined with T-Gard N260 aramid felt and is available in 3 palm materials.

Leather Palm

Heat Resistant Leather Palm

Woven Aramid Palm

MagnaShield Chrome Leather

The MagnaShield Leather aluminised backed glove is designed to be worn in environments where there are large amounts of radiant heat. The chrome leather palm is designed for primary abrasion protection and not contact heat. Leather palm gloves provide good abrasion resistance and improved dexterity when compared to the woven aramid version.

- PR720 Aluminised Preox back for radiant heat and molten metal splash protection.
- Chrome Leather palm for good abrasion protection and dexterity.
- T-Gard N260 aramid felt lining for additional thermal protection.
- Wear seams are welted for additional protection and all seams are sewn with heat resistant Kevlar® thread for extra durability.
- Length 406mm.

Part Number	Size	Aluminised Material
APG16WS	LRG	PR720 Aluminised Preox

EN388 **3244**

EN407 **41344x**

TAKE CARE

MagnaShield Aramid

The MagnaShield Aramid aluminised backed glove is designed to be worn in environments where there are large amounts of radiant heat and contact heat. The woven aramid palm provides the highest contact heat performance of this style of glove and the highest cut resistance Level 5.

- PR720 Aluminised Preox back for radiant heat and molten metal splash protection.
- Woven Aramid palm for best contact heat and cut resistance protection.
- T-Gard N260 aramid felt lining for additional thermal protection.
- Wear seams are welted for additional protection and all seams are sewn with heat resistant Kevlar® thread for extra durability.
- Length 406mm.

Part Number	Size	Aluminised Material
APG16WSK	LRG	PR720 Aluminised Preox

EN388 3543

EN407 43343x

MagnaShield Pyrocore Leather

The MagnaShield Pyrocore Leather aluminised backed glove is designed to be worn in environments where there are large amounts of radiant heat. The heat resistant Pyrocore Leather is designed to handle higher temperatures than standard leather. Leather palm gloves provide good abrasion resistance and improved dexterity when compared to the woven aramid version.

- PR720 Aluminised Preox back for radiant heat and molten metal splash protection.
- Pyrocore Heat Resistant Leather palm for good abrasion protection and dexterity.
- T-Gard N260 aramid felt lining for additional thermal protection.
- Wear seams are welted for additional protection and all seams are sewn with heat resistant Kevlar® thread for extra durability.
- Length 406mm.

Part Number	Size	Aluminised Material
APG16WSP	LRG	PR720 Aluminised Preox

EN388 3244

EN407 41344x

MagnaShield®
Aramid Gloves

Woven Aramid Gloves and Mitts

MagnaShield Woven Aramid Gloves and mitts are made of heat resistant Para-Aramid outer shell materials and Meta-Aramid thermal liners. These highly technical materials provide high levels of contact, convective and radiant heat protection as well as protection from small drops of molten metal. In addition to heat resistant properties, the gloves and mitts offer Cut Level 5 protection as well as high levels of abrasion, tear and puncture resistance.

- Woven Para-Aramid palm.
- Choice of Woven Para-Aramid or Para-Aramid Felt back and cuff.
- Lined with T-Gard N260 Meta-Aramid thermal liner.
- Gloves available in 3 lengths.
- Mitts available in 2 lengths.
- Sewn with heat resistant Aramid threads.
- Wear seams welted for extra durability.

Fully Woven Aramid — EN388: 3543 — EN407: 43433X

Item	Part Number	Length	Size
Glove	KGLFW12FK	305mm	Large (Universal)
Glove	KGLFW16FK	406mm	Large (Universal)
Glove	KGLFW18FK	457mm	Large (Universal)
Mitt	KMLFW12FK	305mm	Large (Universal)
Mitt	KMLFW18FK	457mm	Large (Universal)

Woven Para – Aramid Palm — EN388: 3544 — EN407: 43433X

Item	Part Number	Length	Size
Glove	KGL12FK	305mm	Large (Universal)
Glove	KGL16FK	406mm	Large (Universal)
Glove	KGL18FK	457mm	Large (Universal)
Mitt	KML12FK	305mm	Large (Universal)
Mitt	KML18FK	457mm	Large (Universal)

Loop Pile Aramid Gloves and Mitts

MagnaShield® Loop Pile Para-Aramid Gloves and Mitts are made of heat resistant Para-Aramid outer shell materials and Meta-Aramid thermal liners. These highly technical materials provide high levels of contact, convective and radiant heat protection as well as protection from small drops of molten metal. In addition to heat resistant properties, the gloves and mitts offer Cut Level 5 protection as well as high levels of abrasion, tear and puncture resistance.

- Loop Pile Para-Aramid palm, back and cuff.
- Lines with T-Gard® N260 Meta-Aramid thermal liner.
- Gloves and Mitts available in 2 lengths.
- Sewn with heat resistant Aramid threads.
- Mitt wear seams welted for extra durability.

	EN388	EN407
Fully Woven Aramid	3544	43434X

Item	Part Number	Length	Size
Glove	KGLP12	305mm	Large (Universal)
Glove	KGLP18	457mm	Large (Universal)
Mitt	KMLP12	305mm	Large (Universal)
Mitt	KMLP18	457mm	Large (Universal)

Cover Mitt and Glove Saver

Glove Saver

- Prolongs the life of your gloves and mitts
- Provides additional heat resistance
- Made from Woven Para-Aramid
- Sewn with heat resistant Aramid threads
- Ambidextrous
- Unlined
- Part Number KGS10

Cover Mitt

- Prolongs the life of your gloves and mitts
- Provides additional heat resistance
- Woven Para-Aramid palm and Para-Aramid Felt back
- Sewn with heat resistant Aramid threads
- Ambidextrous
- Unlined
- Part Number KCM10

HeatShield® and T1000® Mitts

HeatShield® Mitts

Product Code – HSM16WL

HeatShield® Mitts are ideal for short duration contact heat protection up to 500°C.

- Made from HeatShield, a non-asbestos E-Glass fibre fabric.
- Short duration contact heat protection up to 500°C.
- Thickness of 2.2mm.
- Lined with T-Gard® N260 Meta-Aramid thermal liner.
- Sewn with heat resistant Aramid threads.
- Wear seams welted for extra durability.
- One size fits all.

Part Number	Size
HSM16WL	406mm

EN388 2542

EN407 44430X

T1000® Mitts

Product Code – TM16WL & TCM10

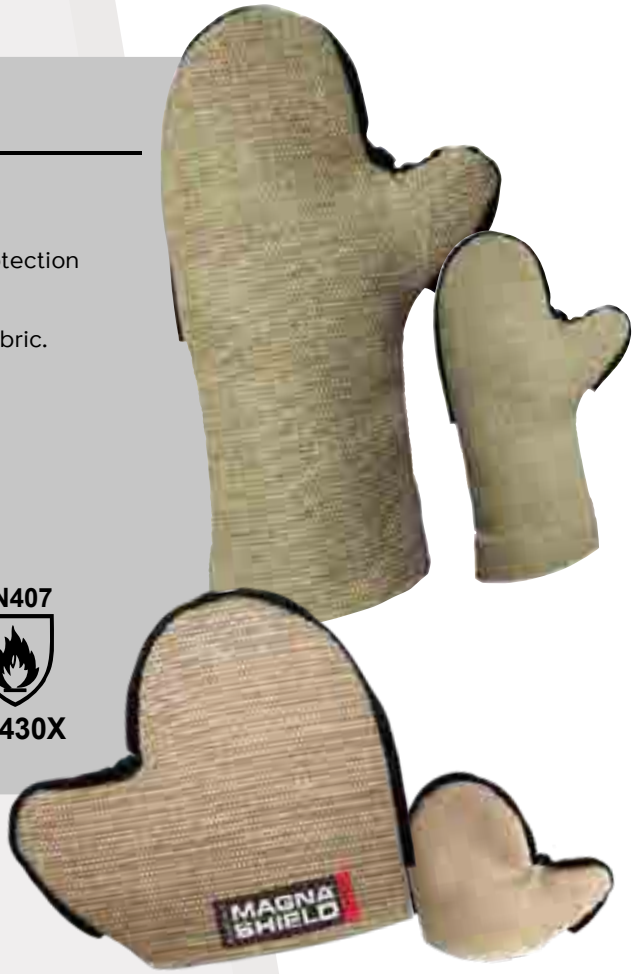
T1000® Mitts are ideal for short duration contact heat protection up to 800°C.

- Made from HeatShield, a non-asbestos E-Glass fibre fabric.
- Short duration contact heat protection up to 800°C.
- Thickness of 2.2mm.
- Lined with T-Gard® N260 Meta-Aramid thermal liner.
- Sewn with heat resistant Aramid threads.
- Wear seams welted for extra durability.
- One size fits all.

Part Number	Size
TM16WL	406mm
TCM10	230mm – Cover mitt

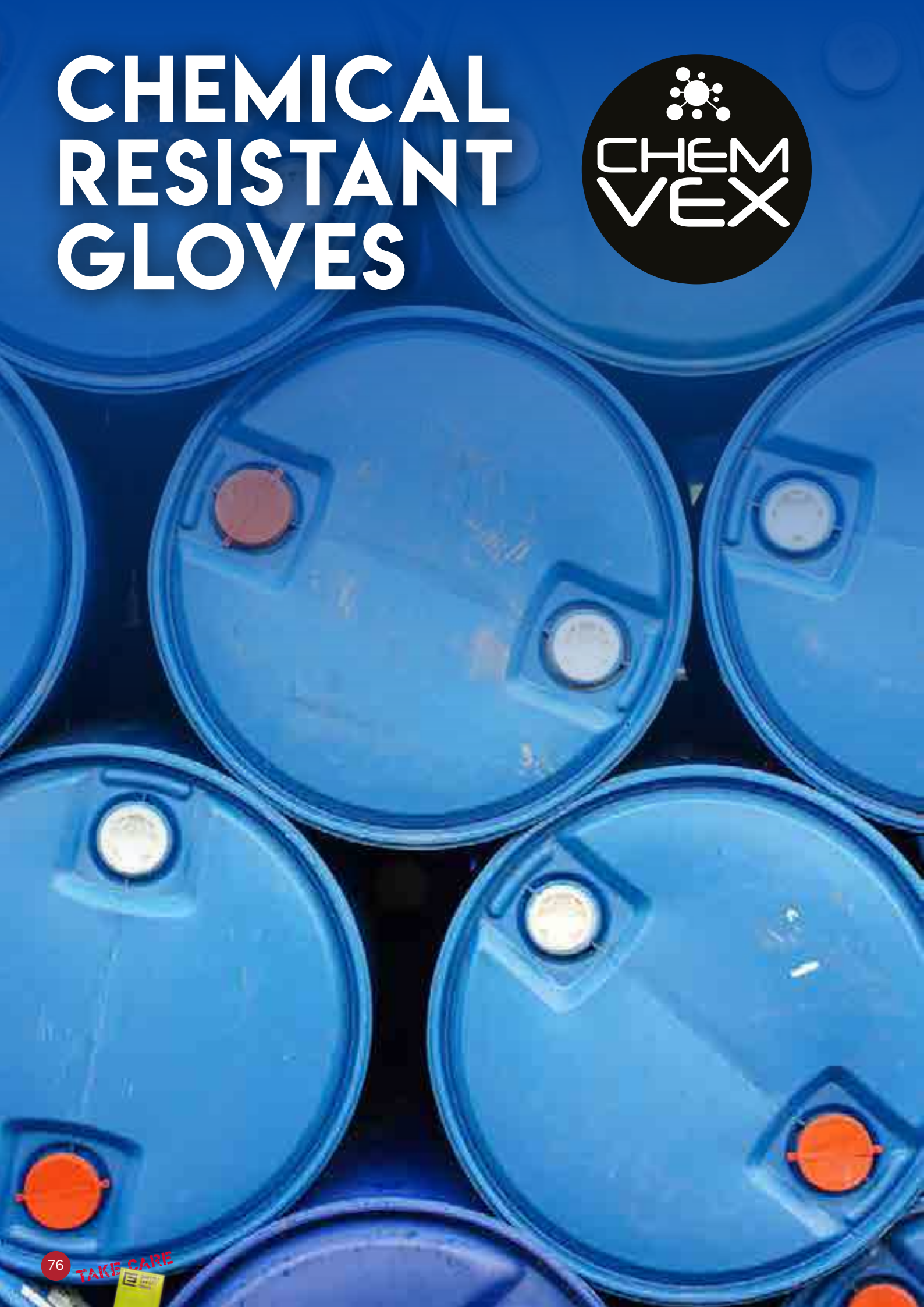
EN388 2442

EN407 44430X



CHEMICAL RESISTANT GLOVES

CHEM VEX



Chemical Resistant Gloves

CHEMVEX

The ChemVex® range of chemical resistant gloves provide protection from a wide range of chemicals. Light weight ChemVex® T-Touch with Cut 3 protection and superior grip to heavy duty Neoprene or PVC.

Polyvinyl chloride (PVC)

Polyvinyl chloride (PVC) offers good abrasion protection, flexibility in cold temperatures and excellent resistance to resins and glues. PVC also holds up well in the presence of water and most aqueous solutions, detergents, and diluted bases and acids. PVC does not cause allergic reactions and is stronger than latex or nitrile.

Nitrile

Nitrile gloves are made of a co-polymer and provide protection from chlorinated solvents such as trichloroethylene and perchloroethylene. They offer protection when working with oils, greases, acids, caustics and alcohols, but generally are not recommended for use with strong oxidizing agents, aromatic solvents, ketones and acetates.

Neoprene

Neoprene gloves are made of synthetic rubber and offer good pliability, finger dexterity, and high density and tear-resistance. They defend against hydraulic fluids, gasoline, alcohols, organic acids and alkalis, and generally have chemical and wear-resistance properties superior to gloves made of natural rubber.

CHEMVEX® SERIES

ChemVex® 7000

- Superior grip in oily and wet conditions.
- Nitrile with T-Touch palm—3 layers of nitrile protection.
- Excellent flexibility, dexterity and comfort.
- 18 gauge liner.
- Safety cuff design.
- Length: 356mm.
- Available in sizes: 7, 8, 9, 10, 11.

Applications:

General handling, chemical handling, construction, automotive, oil & gas, mining, printing, manufacturing, aerospace and defence, metal fabrication and much more.

AS/NZS 2161.3:2005 Lic# SMK40139 SAI GLOBAL
AS/NZS 2161.10.3:2005 Lic# SMK40555 SAI GLOBAL
EN388 4121
EN374-3 AJKL
EN374-2
CAT III CE 0075

Part Number	Size
ELG700007	7
ELG700008	8
ELG700009	9
ELG700010	10
ELG700011	11

ChemVex® C3 7010

- AS/.NZS 2161.3 Cut Level 3 protection.
- Superior grip in oily and wet conditions.
- Nitrile with T-Touch palm – 3 layers of nitrile protection.
- Excellent flexibility, dexterity and comfort.
- 18 gauge liner.
- Safety cuff design.
- Length: 356mm.
- Available in sizes: 7,8,9,10,11.

Applications:

General handling, chemical handling, construction, automotive, oil & gas, mining, printing, manufacturing, aerospace and defence, metal fabrication and much more.

AS/NZS 2161.3:2005 Lic# SMK40139 SAI GLOBAL
AS/NZS 2161.10.3:2005 Lic# SMK40555 SAI GLOBAL
EN388 4343
EN374-3 AJKL
EN374-2
CAT III CE 0075

Part Number	Size
ELG701007	7
ELG701008	8
ELG701009	9
ELG701010	10
ELG701011	11

ChemVex® NX20

ChemVex® NX20 is a heat and oil resistant neoprene dipped glove with a double layer jersey liner. Crinkled finish offering excellent grip in both dry and wet working conditions providing protection from -20 up to 200 °C.

- Neoprene coating providing excellent heat resistance up to 200 °C.
- Excellent resistance to oils, chemicals and greases.
- Crinkled finish offering excellent grip in both dry and wet working conditions.
- Double lined jersey contributing great warmth working under -20 °C.
- Unique coating formulation contri5uting extra flexibility and reducing hand fatigue.

Part Number	Size	Length
ELG752010	10	45 cm

EN388 **2232**

EN407 **32xx4x**

ChemVex® NX50

ChemVex® NX50 is a heavy duty heat and oil resistant neoprene dipped glove with a double layer jersey liner. Crinkled finish offering excellent grip in both dry and wet working conditions providing protection from -50 up to 400 °C.

- Neoprene coating providing excellent heat resistance up to 400 °C.
- Excellent resistance to oils, chemicals and greases.
- Crinkled finish offering excellent grip in both dry and wet working conditions.
- Double lined jersey contributing great warmth working under -50 °C.
- Extra removable liner allowing to wash and dry easily.

Part Number	Size	Length
ELG755008	8	45 cm
ELG755010	10	45 cm

EN388 **2232**

EN407 **43xx4x**

CHEMVEX® SERIES

ChemVex® 7100

The ChemVex® 7100 is a red PVC gauntlet style glove with cotton interlock knitted liner. The PVC gauntlet performs well to protect against a variety of chemicals. It has excellent abrasion resistance and offers good tear resistance, helping to enhance the glove's mechanical protection and durability. The cotton interlock knitted liner offers easy donning and provides exceptional comfort keeping the hands cool and comfortable, and its anatomical shape and flexibility minimises hand fatigue. With good chemical and mechanical properties, this cost-effective and robust glove offers excellent durability and long life expectancy. The gauntlet style comes in two different lengths for when forearm protection is required.

Typically used for:

- Automotive Assembly
- Engineering Work
- Agricultural Work
- Waste Management
- Steam Cleaning
- Fishing
- Janitorial

EN388 3121 | ISO 374-1/Type C K | CE NB0075 CEC06089

Part Number	Size	Length
ELG710110	One size fits all	27cm
ELG710010	One size fits all	45cm

ChemVex® 7200

The ChemVex® 7200 is a chemical resistant gauntlet style glove with cotton interlock knitted liner. This PVC glove, which has been double dipped for extra protection, performs well to protect against a variety of chemicals including hydrocarbons and certain solvents. It has excellent abrasion resistance, it also provides good tear resistance enhancing the glove's mechanical protection and durability. The hand area has a granular non-slip surface further enhancing the abrasion resistance and maximising grip levels. The cotton interlock liner provides exceptional comfort keeping the hands cool and comfortable. It has excellent abrasion resistance is available in two different lengths.

Typically used for:

- Chemical Processing
- Petro-Chemical Operations
- Agricultural Work
- Warehouse Work
- Utility Work
- Engineering Work
- General Maintenance

EN388 3121 | ISO 374-1/Type B JKL | CE NB0075 CEC06089

Part Number	Size	Length
ELG720110	One size fits all	27cm
ELG720010	One size fits all	45cm

Pro-Tech 8 Titan AU

The rugged Pro-Tech 8 Titan AU glove can satisfy any firefighter's craving for dexterity, flexibility, grip, comfort and fit. Whether on a truck or an engine, Pro-Tech 8 Titan AU will efficiently handle every fire ground task you are faced with as well as basic motor vehicle extrication.

The varied multi-layer design, using durable knitted high performance fibres, allows incredibly fast, soft and comfortable break-in with thermal protection that actually increases after washing. The gloves will remain soft and flexible after use. The inner liner is 100% knitted Nomex® and the Titan AU is also fully lined with 100% Kevlar®, which provides much greater cut resistance than leather alone.

Pro-Tech 8 Titan AU's unique multi-layer knuckle guard system reinforces protection in an area that is the most vulnerable to radiant heat burns. The "wristlet" features our unique Kevlar® elastic cuff band which prevents debris from entering and eliminates glove slip off. At the vulnerable glove-sleeve interface, Pro-Tech 8 provides you with superior protection and performance!

- Pro-Tech 8 Titan AU's advanced multi-layered design uses primarily sleek and flexible knitted fabrics made from high performance fibres that provide added thermal protection and cut/puncture resistance.
- The outside layers feature highly flexible and rugged goat-skin suede for abrasion resistance and the most efficient grip.
- The back side of the glove features a knuckle guard system with two layers of waterproof Silicon Carbide fused to 2 layers of 100% Kevlar®, which provides enhanced thermal protection and cut resistance at the vulnerable knuckle compression point— a well-known firefighting hazard.
- Unique stitching of the outer palm layer prevents bunching up of material and provides the most efficient grip.
- Gathered stitching is used around the entire wrist for a secure fit and prevents debris from entering.
- The Titan AU's "wristlet" style extends the full glove body and features a 100% Kevlar® wrapped elastic band inside the cuff for extra secure fit and protection against fire ground debris (specifically for use with turnout gear sleeves that do not have thumb wristlets or long wristlets).
- The glove inner liner is sewn in and bonded at each fingertip for maximum retention and efficient wet "don and doff". A leather hang-up loop is provided in the glove for easy drying and storage.
- Bloodborne pathogen protection.
- Overall breathability and quicker drying than full leather structural gloves.
- Available in sizes: SML, MED, LRG, XLG, 2XL, 3XL, 4XL
- The Pro-Tech 8 Titan AU Structural Firefighting Glove is independently certified to AS/NZS 2161.6:2014 Occupational protective gloves – Part 6: Protective gloves for structural firefighting – Laboratory test methods and performance requirements.

Part Number	Size
PT8AUTNSML	SML
PT8AUTNMED	MED
PT8AUTNLRG	LRG
PT8AUTNXLG	XLG
PT8AUTN2XL	2XL
PT8AUTN3XL	3XL

Certified Product
AS/NZS 2161.6:2014
Lic# SMKH40406
SAI GLOBAL

Cryoskin Extreme Cold Safety Gloves

Cryoskin

Elliotts Cryoskin gloves and aprons are essential accessories for those working in ultra-cold environments.

Cryoskin gloves and aprons are designed to provide protection when working with liquid nitrogen and other cryogenic hazards.

Handling cryogenic valves, supply cylinders and hoses, compressed gas filling and delivery, liquid nitrogen environments, cold rooms, dry ice handling, ultra low and blast/ cryo freezers.

The Cryoskin gloves and aprons are ideal for Bio-medical Food Preparation, Laboratories, Liquid Nitrogen Handling and Pharmaceutical applications.

- Extremely durable CryoSkin® outer shell material.
- Excellent liquid nitrogen protection.
- Waterproof Porelle moisture barrier.
- Excellent grip and abrasion resistance.
- 406 mm long.

Materials

- EN 511:1995 Convective Cold – Thermal Insulation Level 2
- EN 344:1992 with NF EN511:1995 classification level 1
- MR 019 Liquid Nitrogen – Liquid nitrogen immersion = Pass

Part Number	Size
EACRYOG15	M, L, XL, 2XL

Nomex Flight Glove

Nomex Flight Glove

Touch Screen flight gloves ensure you can comfortably and effectively operate your aircraft and touchscreen tablet.

Our flight gloves are extremely comfortable and offer high levels of dexterity. Made from heat resistant, flame resistant Nomex on the back of the hand and a special leather that is compatible with touchscreen devices such as iPad and iPhone.

- Traditional military flight glove style made to the standard of U.S. Mil-Spec.
- Elastic wrist for a secure and custom fit.
- Double stitched for extra durability.
- Anti-static, flame and heat resistant 100% Nomex.
- Touch Screen compatible soft goatskin leather.
- Available Colours: Black.
- Sizes: 6–12.

Part Number	Size
ELG891506	06
ELG891507	07
ELG891508	08
ELG891509	09
ELG891510	10
ELG891511	11
ELG891512	12

GLOVE GRABBA® MAX

Simply clip Glove Grabba® to your belt, waist band or directly onto your clothing.

The Glove Grabba® is a multi-functional tool that:

- keeps your gloves handy while you work;
- improves hand safety;
- reduces glove loss;
- not only grabs your gloves or hand towels but allows you to safely secure another piece of equipment.

Part Number	Colour	Pack Qty
GG2IPOR50	High Vis Orange	50
GG2IPYL50	High Vis Yellow	50
GGBL50	Black	50

Retail Ready Program

Elliotts understands the value of brand recognition. Ensuring our products are packaged and displayed for easy identification, whilst complementing the retail showroom with an easily maintained system, ensuring your customers can access products with ease and staff can maintain the space with little fuss.

Products are packaged in various methods which are detailed in our new catalogues and on our website. We have a range of flexible options to best suit your requirements.

Point of Purchase Gondola Displays

No two showrooms are the same, with each showroom often facing the challenge of lack of floorspace. This is why Elliotts has created retail ready Point of Purchase Gondola Displays available in various sizes and layouts. This allows for highly customisable displays and customisable planograms.

If you already have your own display systems in place, Elliotts can provide you with Retail Display Boxes, to help keep the space tidy, easily accessible, and more importantly, stand out to your customer when they are looking for Elliotts products.

Double Sided Unit

Single or Double Wall Units

Display Boxes

Packaging Options

By providing consistent branding and packaging Elliotts can assist your business to showcase a display that will ultimately drive sales. To do this our packaging options will vary based on the size and type of the product.
The packaging type will be included in item descriptions.
Below are examples of our standard packaging styles.

Signage

Signage is an essential component of any businesses advertising strategy. Signs have the ability to draw attention to a business and can convey information with ease. To get your showroom retail ready, Elliotts offer both internal and external signage options.

Gloves

Hook/ Swing Card

Header Card

Header Card/ Bag

PPE

Header Card

Re-sealable Bag

Zip Bag

Customised Options for your Business

Your Elliotts Account Manager or one of our Customer Service Team can help develop a solution that best suits your showroom and building.

50 Years
1966 – 2016

Certified System
Quality
ISO 9001
SAI GLOBAL

ELLIOTTS
QUALITY
SAFETY
GEAR

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