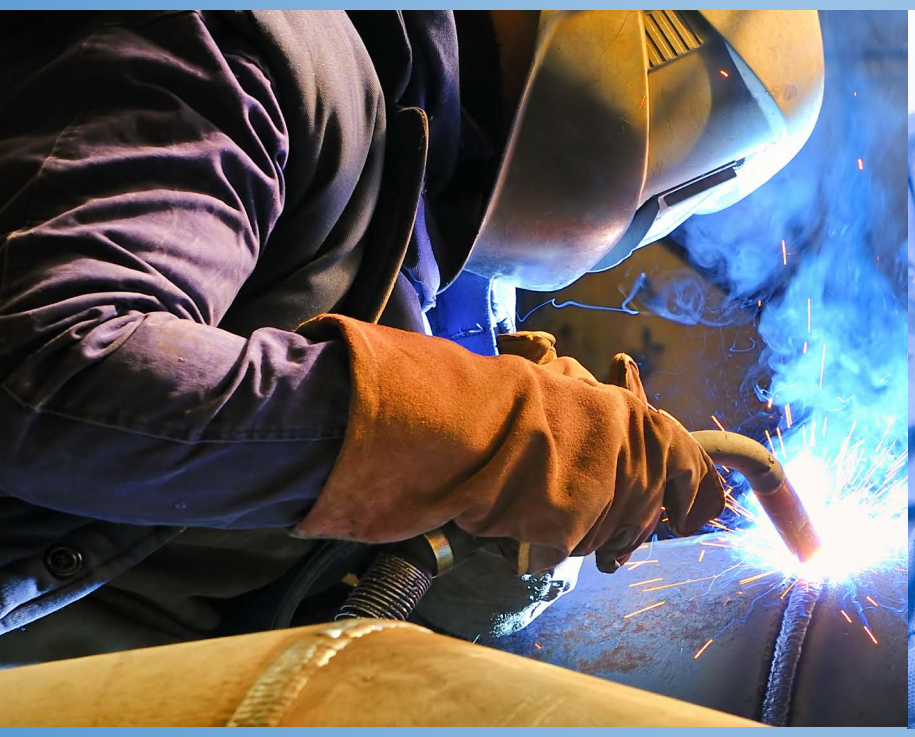
HAND
PROTECTION



- Technical Data Information
- Cut Resistant Gloves
- Electrical Gloves
- General Purpose Gloves
- Heat Resistant Gloves
- Welding Gloves
- Chemical Resistant Gloves
- Disposable Gloves

PANG LIN

Technical Data Information

Gloves protect the user's hands from many types of hazard. These items may protect from occupational hazards as well as recreational risks where the hands are heavily involved in the completion of a task. The most common reasons to wear safety gloves is to provide the following: heat/chill resistance, puncture and cut resistance, static control, chemical resistance, flame retardation, anti-contamination, enhanced grip, water proofing, and hand visibility. The statistics for 2013 of compensation Fund or Social Security found that the number of workers who were injured at work is as high as 43,000 of which 2,500 lost their hands. These days, there are so many task-specific glove models, that any objections to wearing them can be overcome through an assessment that matches workplace needs with the appropriate hand protection product.

Safety Glove Selection

Gloves feature individual sheaths for each digit to allow articulation and sensation, though these capabilities vary. Gloves are either nominally sized or dimensioned universally, but good fitting gloves provide the best finger dexterity, safety and comfort. Many gloves extend their coverage beyond the wrist; cuff styles vary according to the glove's purpose.

Types of Safety Gloves

1 Disposable Gloves will act as a excellent barrier, e.g. to prevent the transmission of organisms. Disposable gloves are thin, generally 4-8 mil (0.004-0.008 inch). This allows the user to retain good touch sensitivity and dexterity but they have poor duration. Disposable gloves are available in both Latex and Latex-Free types e.g. Nitrile, Vinyl, Polyethylene or plastic. Disposable Gloves are used primarily in the following applications: food handling, salons, electronic assembly, laboratory work, packaging, automotive, janitorial, general pharmaceutical and home use.

2 Reusable Gloves are 18-28 mils thick. They offer greater protection than disposables against abrasion and other physical hazards. Reusable gloves are made with the same material as disposable gloves. Reusable gloves are used in automotive and petro chemical industries.

3 Leather gloves are used to protect against injuries from sparks or scraping against rough surfaces. They are also used in combination with an insulated liner when working with electricity. These should be used when welding, as the leather can resist sparks and moderate heat. The risk of cuts and abrasions can also be minimized by wearing leather gloves.

4 Aluminized Gloves made of aluminized synthetic materials are designed to insulate hands from intense heat. These gloves are most commonly used by persons working with molten materials. These gloves are recommended for welding, furnace and foundry work, as they provide reflective and insulating protection.

5 Stainless Steel Mesh Gloves are used to protect hands form slashing cuts and scratches that can occur during meat and poultry processing. They are used most commonly by persons working with cutting tools or other sharp instruments.Superior stainless-steel gloves in chain mail are from anti-oxidising.

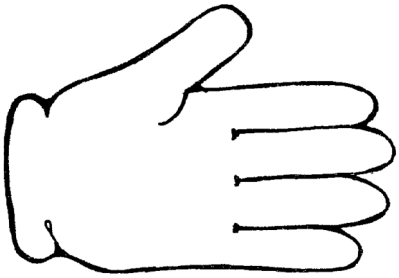
6 HPPE Gloves (High Performance Polyethylene) help glove manufacturers create cut-resistant hand protection that is strong, tough, comfortable, flexible, cool, and light.

7 Fabric Gloves made of cotton or fabric blends and generally used in different environments (depends on the thickness). Fabric gloves help to protect against dust, abrasion, scratch or offer better grip when handling slippery objects. They also help insulate hands from mild heat or cold. They can keep hands clean and protect against abrasions, but may not be strong enough to handle work with rough, sharp materials or where chemical protection is required.

General Information

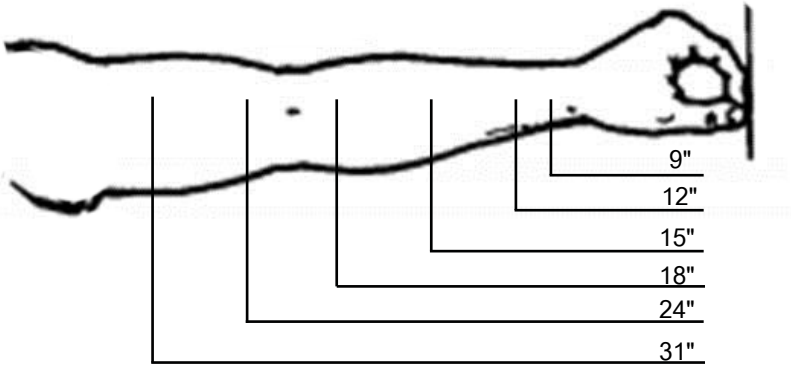
1. Thickness

- Glove thickness is stated in either gauge or Mil: e.g. a 1-gauge glove equals 1 mil or 0.001 inches.
- Thinner, lighter gloves offer better touch sensitivity and flexibility.



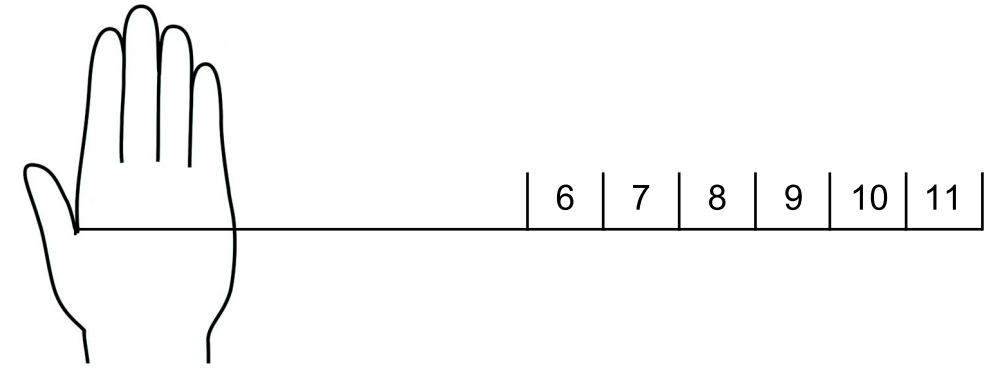
2. Length

- Assessing the risk should define the length of glove needed.
- Protect hands and wrist: length 9-14 inches or 23-26 cm.
- Protect arm and elbow: length 14-18 inches or 36-46 cm.
- Protect whole arm - shoulder: length 31 inches or 76 cm.



3. Size

- You must first determine out your hand size.
- If the size is too small, it causes undue hand fatigue, rashes, perspiration and may tear your gloves
- Gloves that are too large are uncomfortable, interfere with the precision of grip and can snag.
- Measuring hands: Hand Circumference



GLOVE SIZE GUIDE

10 - 11	= Extra Large
9 - 10	= Large
8 - 9	= Medium
7 - 8	= Small
6 - 7	= Extra Small

Before use

- Choosing the right glove for your application is critical for ensuring proper protection.
- Study well the instructions of glove use including, washing, storage, disposal and limitations of use etc.
- Selecting the suitable size and length for optimum level of protection.
- Inspect the gloves before handling hazardous materials or use. Signs of wear may include holes, cracks, tears, and discoloration of the glove material. At the same time, some of operations require inspection during use e.g., electrical resistance.

Glove Selection Guilds

Work	Danger level	Materials
Mechanical Risks	• High • Low	• Extra thick, Leather • Rubber, plastic, leather, synthetic, nylon, cotton
Cut Resistance	• High • Medium • Low	• Special gloves HPPE. • Leather, Thick cotton, seamless • Thin gloves, synthetic leather, nylon and cotton
Chemical and micro organisms	• Depends on ACGIH standard	• Nitrile, PVC or Neoprene etc.
Cold: Thermal Hazards		• Special cryo gloves
Electricity		• Rubber tested to EN 60903 plus leather over gloves
Hygiene		• Fine polymers, polyester or nylon fabric
Ionising radiation and radioactive contamination		• Lead coated on rubber, plastic or leather
Heat: Thermal Hazards		• Special gloves coated with insulating metrial
General		• Fabric, leather

Materials

Mechanical and Chemical Properties

	Natural latex	Neoprene	Nitrile	PVC
Flex resistance	★★★★★	★★★★★	★★★	★★★
Abrasion resistance	★★★	★★	★★★★★	★★★★
Cut resistance	★★★★★	★★★	★★★★★	★★
Tear resistance	★★★★★	★★★	★★	★★★
Puncture resistance	★★★	★★★	★★★★★	★★★
Acid resistance	★★★★	★★★★★	★★★★	★★★★★
Base resistance	★★★★★	★★★★★	★★★★★	★★★★★
Oil or grease resistance	★★	★★★★	★★★★★	★★★★
Hydrocarbons resistance	★★	★★	★★★	★★
Aromatic Solvent resistance	★★★★	★★★	★★	★★
Chlorinated solvents resistance	★★	★★★★	★★★★	★★
Keronic solvents resistance	★★	★★★★★	★★★	★★

Chemical Resistance Table

Acetaldehyde (acetic aldehyde)	+	+	-	
Acetaldehyde (acetic aldehyde)	++	++	=	++
Acetic acid, glacial	+	++	=	=
Acetone	=	=	-	-
Alcoholic beverages	++	++	++	++
Ammonium acetate	++	++	++	++
Ammonium carbonate	++	++	++	++
Ammonium chloride	++	++	++	++
Ammonium concentrated	++	++	+	++
Ammonium nitrate	++	++	++	++
Amylic alcohol	=	+	+	=
Aniline	=	++	-	=
Animal fats	=	++	++	+
Asphalt	-	=	++	=
Beet	++	++	++	++
Benzaldehyde (benzoic aldehyde)	-	=	=	
Benzene	-	-	=	-
Benzyl alcohol	=	+	=	+
Butyl acetate	-	+	+	-
Calcium chloride	++	++	++	++
Calcium hydroxide	++	++	++	++
Calcium tetrachioride	-	=	+	=
Castor oil	-	++	++	=
Chlorine	=	++	++	=
Chloroacetone	++	++	-	-
Chloroform	-	-	=	-
Chromic acid	=	+	=	+
Citric acid	++	++	++	++
Creosote	=	++	++	+
Cresol	+	++	++	+
Cutting oil	-	++	++	+
Ethylaniline	=	++	++	
Ethylene glycol	++	++	++	++
Fertiliser	++	++	++	++
Fish and shellfish	=	++	++	
Fixing agents	++	++	++	++
Fluorides	=	++	++	=
Formaldehyde 30 %	++	++	++	++
Formic acid 90 %	+	++	=	++
Fuels	-	=	++	
Furaldehyde	+	++	-	-
Gas oil	-	+	++	+
Glycerine	++	++	++	++
Hexane	-	+	++	=
Household detergents	++	++	+	++
Hydraulic fluid (petrol)	-	=	++	=
Hydraulic fluid (esters)	+	++	++	
Hydrocluoric acid 30% and 5	++	++	++	++
Hydrocluoric acid 30%	+	++	+	++
Hydrogen peroxide		++	++	++
Isobutanol (isobutylic alcohol)		++	++	++
Isobutylcetone	++	+	-	
Kerosene	-	+	++	+
Lactic acid 85 %		++	+	++
Lard oil		++	++	=
Linseed oil		++	++	=

Lubricating oil	-	=	++	=
Magnesium oxide	++	++	++	++
Methanol (methyl alcohol)	=	+	++	+
2-Methoxyethanol	=	++	++	+
Methyl ethly ketone	+	=	-	-
Methyl isobutyl ketone	++	=	-	-
Methylamine	+	++	++	++
Methylaniline	=	=	++	++
Methylene chloride	=	=	=	-
Milk and dairy products	+	++	++	-
Mineral fats	-	=	++	-
Niteic acid 20 %	+	++	+	++
Nitrobenzene	-	=	-	-
Olive oil	-	++	++	-
Oxalic acid	++	++	++	++
Paraffin oil	-	=	++	-
Peanut oil	-	++	++	=
Percholrethylene	-	=	++	=
Perfumes and essences	++	++	++	++
Petro	-	+	++	=
Petroleum ether	-	=	++	-
Petroleum products	-	=	+	=
Phenol (phenic alcohol)	=	+	+	+
Phosphoric acid 75 %	++	++	++	++
Polyester resins	-	=	+	=
Potassium bicarbonate	++	++	++	++
Potassium phosphate	++	++	++	++
Potassium sulphate	++	++	++	++
Poultry	=	++	++	-
Setting agents	++	++	++	++
Shampoos	++	++	++	++
Silicate	++	++	++	++
Sodium bicarbonate	++	++	++	++
Sodium hypochloride	++	++	++	++
Sodium nitrate	++	++	++	++
Sodium phosphates	++	++	++	++
Sodium sulphate	++	++	++	++
Soya bean oil	-	++	++	=
Styrene	-	=	=	-
Sulphites, bi-sulphites, hyposulphites	++	++	++	++
Sulphuric acid concentrated	=	+	=	+
Sulphuric acid diluted (battery)	++	++	++	++
THF = Tetrahydrofurane	=	=	-	-
Toluene	-	=	+	=
Vinyl acetate	++	++	++	+
Washing Powders	-	=	=	-
Water paint	++	++	++	++
WeedKillers	+	++	++	+
Xylene	-	=	+	=
Xylophene	-	=	+	=
Zinc sulphate	++	++	++	++

++ Excellent
+ Good
= Fair
- Not recommended

This recommendation table shows general protection. Any other specific protection required should be tested under each condition as and when required.

Recommendation: ensure that the glove functions are fit for purpose. The type of glove selected depends on the substances being handled and the type of work being undertaken.

Tips for safe glove use

1 Wash your hands before donning gloves

2 Do not re-use gloves many times.

- Remove you gloves when work is done.
- Do not wear after work.
- Change gloves regularly as and when appropriate.

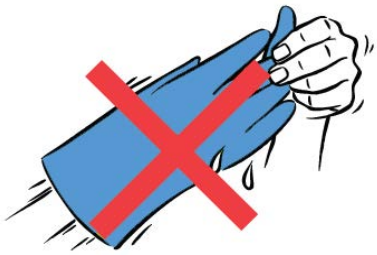
Remove glove tips

1 Wash gloves before removing

2 Fold the edge of gloves

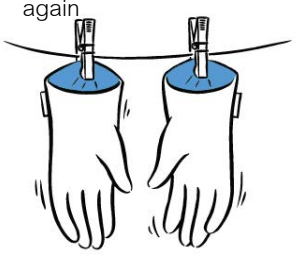
3 Pull out the edge of gloves

4 Remove glove without touching the outside surface of hand area (* don't remove gloves by pulling out at finger areas)



5 Apply moisturizer on hand

6 Inspect the inside of gloves are really dry before using again

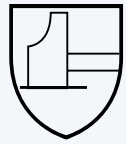


7 Do not reuse worn or torn gloves

Pictograms

EN 388 MECHANICAL PROTECTION (GENERAL WORK)

Protection against mechanical hazards is expressed by a pictogram followed by four numbers and one letter if applicable, (performance levels), each representing test performance against a specific hazard.



A B C D E

PERFORMANCE LEVELS		1	2	3	4	5	6
A. Abrasion resistance	Based on the number of cycles required to abrade through the sample glove (Unit: cycle)	100	500	2000	8000	-	-
B. Cut resistance	Based on the number of cycles required to cut through the sample at constant speed (Unit: index)	1.2	2.5	5.0	10.0	20.0	-
C. Tear resistance	Based on the amount of force required to tear the sample (Unit: Newton)	10	25	50	75	-	-
D. Puncture resistance	Based on the amount of force required to pierce the sample with a standard sized point (Unit: Newton)	20	60	100	150	-	-
E. Blade cut resistance	Based on the load required to be applied to the blade in order to facilitate cut-through in a known distance (Unit: Newton)	A ≥ 2	B ≥ 5	C ≥ 10	D ≥ 15	E ≥ 22	F ≥ 30

EN 407 - HEAT PROTECTION

The nature and degree of protection is shown by a pictogram followed by a series of six performance levels, relating to specific protective qualities. The higher the number, the better the test result. The following is tested :

A B C D E F

PERFORMANCE LEVELS		1	2	3	4
A. After-burn time	The length of time is measured for how long the material either glows or burns (Unit : Seconds)	≤ 20	≤ 10	≤ 3	≤ 2
B. Contact heat	15 seconds is the minimum accepted length of time for approval (Unit : Degree °C)	100 °	250 °	350 °	500 °
C. Convective heat	The amount of time is measured for the heat from a gas flame(80kmw/kvm) to increase the temperature of the glove's inside material by 24 °C (Unit : Seconds)	≤ 4	≤ 7	≤ 10	≤ 18
D. Radiant heat	The average time is measured for heat penetration of 2.5 kw/kvm (Unit : Seconds)	≤ 5	≤ 30	≤ 90	≤ 150
E. Drops of molten metal	The total number of drops of molten metal required to increase the temperature by 40 °C between the inside of the glove and the skin (Unit : Number or drop)	≥ 5	≥ 15	≥ 25	≥ 35
F. Molten metal	The total number of grams is measured of how much molten metal is required to damage the simulated skin (Unit : Gram)	30	60	120	200

EN 374 - CHEMICAL PROTECTION

In many countries there are more than 15,000 different chemicals in use in more than 60,000 products within industry, construction, agriculture etc. Tested and approved chemical gloves are the right solution against many of these chemicals.

X Y Z

The 'Chemical resistant' glove pictogram must be accompanied by a 3-digit code. This code refers to the code letters of 3 chemicals (from a list of 12 standard defined chemicals) for which a breakthrough time of at least 30 minutes has been obtained.

CODE LETTER	CHEMICAL	CODE LETTER	CHEMICAL
A	Methanol	G	Diethylamine
B	Acetone	H	Tetrahydrofuran
C	Acetonitrile	I	Ethyl Scetate
D	Dichloromethane	J	n-Heptan
E	Carbon disulfide	K	Sodium Hydroxide 40%
F	Toluen	L	Sulfuric Acid 96%

SPECIFIC CHEMICAL PROTECTION
EN 374

This Standard Specified the capability of gloves to protect the user against chemicals and/or micro-organisms.

MICRO - ORGANISMS
EN 347-2

This Standard Specified the capability of gloves to protect the user against chemicals and/or micro-organisms.

GENERAL CHEMICAL PROTECTION
EN 455

This Standard Specified the capability of gloves to protect the user against chemicals and/or micro-organisms.

RADIOACTIVE CONTAMINATION
EN 421

This standard applies to gloves to protect from ionising Radiation and Radioactive Contamination.

Cut Resistant Gloves

Cut Resistant Gloves Specification

Gloves Made with a High Performance Polyethylene (HPPE). This glove offers various levels of cut-resistance.

Standard
Exceeds EN388 level 5

EN388
a b c d e

Palm PU coating on palm side of the glove gives / slip resistance and better grip e.g. for handling windows, glass, metal processing operations, civil engineering, cleaning work and automotive.

GLVR0037
Cut Resistant Gloves
Page 44

Cut Resistant Standard

Mechanical Hazards EN388 a b c d	Testing Standard	Pictogram Example PANGOLIN
a) Abrasion resistance	0 - 4	4
b) Cut resistance	0 - 5	5
c) Tear resistance	0 - 4	4
d) Anti Stab or puncture resistance	0 - 4	3
e) Blade cut resistance	A-F	C

BEST SELLER

- A High Performance Polyethylene (HPPE). that offers, maximum strength combined with minimum weight. HPPE is extremely durable and resistant to moisture, UV light and chemicals.
- Performance characteristics are not only affected by a material's weight, but also by the coating applied to the outside surface. Coated gloves enhance grip, especially on slippery surfaces.
- Good ventilation, exceptional dexterity and comfort along with superior washability (no fabric softener or chemicals)
- Cut-resistant gloves are designed to protect hands from direct contact with sharp edges such as glass, metal, ceramics and other materials.

EN388
4 4 4 3 C

PU Coated Cut Resistant Gloves Level 4

Code	Description	Size	Color	UOM	Package
GLVR0036ZZZZM	Cut-Resistant/PU Pangolin Level 3+	M	Grey	1 pair	1 pair
GLVR0036ZZZZL	Cut-Resistant/PU Pangolin Level 3+	L	Grey	1 pair	1 pair

EN388
4 5 4 3 C

PU Coated Cut Resistant Gloves Level 5

Code	Description	Size	Color	UOM	Package
GLVR0037ZZZZS	Cut-Resistant/PU Pangolin Level 5+	S	Grey	1 pair	1 pair
GLVR0037ZZZZM	Cut-Resistant/PU Pangolin Level 5+	M	Grey	1 pair	1 pair
GLVR0037ZZZZL	Cut-Resistant/PU Pangolin Level 5+	L	Grey	1 pair	1 pair
GLVR0037ZZZZXL	Cut-Resistant/PU Pangolin Level 5+	XL	Grey	1 pair	1 pair

EN388
3 5 4 X

Non Coated Cut Resistant Gloves level 5

- A High Performance Polyethylene offers, maximum strength combined with minimum weight. HPPE is extremely durable and resistant to moisture, UV light and chemicals.
- CE EN388 3 5 4 X
- Good ventilation, exceptional dexterity and comfort along with superior washability (no fabric softener or chemicals)
- Protection hands from direct contact with sharp edges such as glass, metal, ceramics and other materials.

Code	Description	Size	Color	UOM	Package
GLVR0047ZZZZM	Cut-Resistant Pangolin Level 5 #M+	M	Grey	1 pair	1 pair
GLVR0047ZZZZL	Cut-Resistant Pangolin Level 5 #L+	L	Grey	1 pair	1 pair
GLVR0047ZZZXL	Cut-Resistant Pangolin Level 5 #XL+	XL	Grey	1 pair	1 pair

EN388
4 5 4 X

Non Coated Long Cut Resistant Gloves Level 5

- A High Performance Polyethylene offers, maximum strength combined with minimum weight. HPPE is extremely durable and resistant to moisture, UV light and chemicals.
- CE EN388 3 5 4 X
- Good ventilation, exceptional dexterity and comfort along with superior washability (no fabric softener or chemicals)
- Longer gloves offer additional forearm protection.
- Protection hands from direct contact with sharp edges such as glass, metal, ceramics and other materials.

Code	Descriptioin	Size	Color	UOM	Package
GLVR0049ZZZZL	CUT5 Extra Long Cuff Uncoated Glove L:	L	Grey	1 pair	1 pair
GLVR0049ZZZXL	CUT5 Extra Long Cuff Uncoated Glove XL:	XL	Grey	1 pair	1 pair

GLVT0014ZZZZZ

GLVT0015ZZZZZ

EN388
2 3 4 X

Kevlar Anti-Cut Gloves

- Kevlar material.
- 9 inches long
- Excellent cut & tear resistance
- Heat resistant

Code	Description	Size	Color	UOM	Package
GLVT0014ZZZZZ	Kevlar Anti-Cut+	9 in.	Yellow	1 pair	1 pair
GLVT0015ZZZZZ	Kevlar Anti-Cut PVC dot coatingg #AF146-512	9 in.	Yellow	1 pair	1 pair

Stainless Cut Resistant Gloves

- Specialist gloves for excellent cut protection (eg. Food processing)
- Manufactured from high quality stainless steel mesh.
- Adjustable fit

Code	Description	Size	Color	UOM	Package
GLVT0004ZZZZS	Stainless Cut Resistant #S	S	Silver	1 side	1 side
GLVT0004ZZZZM	Stainless Cut Resistant #M	M	Silver	1 side	1 side
GLVT0004ZZZZL	Stainless Cut Resistant #L	L	Silver	1 side	1 side

EN388

3 5 4 3

Latex Coated Cut Resistant Gloves

- Kevlar fabric, good ventilation
- Cut resistant to level 5
- Latex coated on palm and thumb provides excellent grip and dexterity
- Heat resistant up to 200°C

Code	Description	Size	Color	UOM	Package
GLVR0025ZZ080	Cut-Resistant #305 # 8+	8	Yellow/ Blue	1 pair	1 pair
GLVR0025ZZ090	Cut-Resistant#305 # 9+	9	Yellow/ Blue	1 pair	1 pair

Electrical Gloves

Electricians Gloves (Honeywell)

EN 60 903-2003
CEI 903-2002

- Natural rubber, soft touch and flexible
- Thickness 0.5-3.4 mm, length 36-41 cm
- Protects against cold or heat
- Acid, oil, ozone and freeze resistant
- Categories AZC

CLASS	MAXIMUM USE AC VOLTAGE (V EFF)	PROOF TEST AC VOLTAGE (V EFF)
00	500	2,500
0	1,000	5,000
1	7,500	10,000
2	17,000	20,000
3	26,500	30,000
4	36,000	40,000

Code	Description	UOM	Package
HW-ELEC2500	Electrosoft 2500V (2091903-09) 00G+	1 pair	1 pair
HW-ELEC5000	Electrosoft 5000V (2091907-09) 0G+	1 pair	1 pair
HW-ELEC10000	Electrosoft 10000V (2091912-09) 1G	1 pair	1 pair
HW-ELEC20000	Electrosoft 20000V (2091921-09) 2G+	1 pair	1 pair
HW-ELEC30000	Electrosoft 30000V (2091931-09) 3G+	1 pair	1 pair
HW-ELEC40000	Electrosoft 40000V (2091941-10) 4G	1 pair	1 pair

Leather Gloves For High Voltage Rubber Insulating Gloves

- High quality leather, durable and soft
- Length 14 inches x thick 1.3 mm
- Wear on top of electricians rubber gloves to prevent tear and wearing
- Extends shelf life of electricians gloves

Code	Description	Color	UOM	Package
GLVL0004ZZZZZ	Leather Gloves for high voltage rubber insulating gloves+	White	1 pair	1 pair

General Purpose Gloves

EN388

2 2 4 3

Latex Palm Coated Knitted Poly/Cotton Gloves

- Polyester material,Seamless
- CE EN388:2003
- Rubber coated palm provides excellent grip and dexterity
- Suitable for maintenance and general assembly work complement

Code	Description	Size	Color	Color	Pakage
GLVC-PLLT/M	Latex Palm Coated Knitted Poly/Cotton Gloves #M+	M	Yellow-Green	1 pair	1 pair
GLVC-PLLT/L	Latex Palm Coated Knitted Poly/Cotton Gloves #L+	L	Yellow-Green	1 pair	1 pair

EN388

4 1 3 1

PU Palm Coated Polyester Gloves

- Polyester material,Seamless
- CE EN388:2003
- PU coated palm provides excellent grip and dexterity
- Suiable for maintenance, assembly work and electronics

Code	Description	Color	UOM	Package
GLVC-PLPU/S	PU Plam Coated Polyester Gloves #S+	White	1 pair	1 pair
GLVC-PLPU/M	PU Plam Coated Polyester Gloves #M+	White	1 pair	1 pair
GLVC-PLPU/L	PU Plam Coated Polyester Gloves #L+	White	1 pair	1 pair

EN388

4 1 3 1

Nitrile Foam Palm Coated 100% Nylon Gloves

- Nylon material,Seamless
- CE EN388:2003
- Nitrile coated palm provides excellent grip and dexterity
- Suiable for maintenance, assembly work and electronics

Code	Description	Color	UOM	Package
GLVC-NLNF/M	Nitrile Foam Palm Coated Nylon Gloves #M+	White/ Grey	1 pair	1 pair
GLVC-NLNF/L	Nitrile Foam Palm Coated Nylon Gloves #L+	White/ Grey	1 pair	1 pair
GLVC-NLNF/XL	Nitrile Foam Palm Coated Nylon Gloves #XL+	White/ Grey	1 pair	1 pair

Cotton Gloves

- Cotton material
- Soft and durable
- Good ventilation

Code	Description	Color	UOM	Package
GLVC0004ZZZZZ	Cotton Gloves **400** g+	White	1 pair	12 pairs/pack
GLVC0005ZZZZZ	Cotton Gloves **500** g+	White	1 pair	12 pairs/pack
GLVC0006ZZZZZ	Cotton Gloves **600** g+	White	1 pair	12 pairs/pack
GLVC0007ZZZZZ	Cotton Gloves **700** g+	White	1 pair	12 pairs/pack

All Purpose Plastic Gloves (Pack)

- HDPE plastic material
- Protects against dirt & dust etc.
- Ambidextrous, fits either hand

Code	Description	Color	UOM	Package
GLVP0003ZZZZZ	All purpose Plastic Gloves+	Transparent	1 pack	100 pairs/ pack

Cotton Gloves with PVC Dot

- Cotton material, soft and comfortable
- Red polka dot coating on palm gives better grip.
- Good ventilation
- Length 9 inches
- Elasticated cuff

Code	Description	Color	UOM	Package
GLVC0001ZZZZZ	Cotton Gloves with PVC Dot #92802 / R:	White with red dots	1 pair	1 pair

Cotton Gloves with Folded Sleeve

- Cotton material, fabric touch, soft
- Good ventilation
- Folded end prevents irritation

Code	Description	Color	UOM	Package
GLVC0008ZZZZZ	Cotton Gloves with Folded Sleeve+	White	1 pair	1 pair

Nylon Gloves with Folded Sleeve

- Nylon material, fabric touch
- Length 8.5 inches
- Comfortable and dexterous
- Folded end prevents irritation

Code	Description	Color	UOM	Package
GLVC0009ZZZZZ	Nylon Gloves with Folded Sleeve:	White	1 pair	1 pair

TC Gloves

- TC synthetic fabric allows added durability
- No loose ends
- Length 8.5 inches

Code	Description	Color	UOM	Package
GLVC0010ZZZZZ	TC Gloves:	White	1 pair	1 pair

Heat Resistant Gloves

Kevlar/ Aluminized Heat Resistant Gloves 500 °C

- Kevlar fabric knitting, fabric touch, good ventilation
- Cut resistant
- Manufactured from aluminized fabric and designed to insulate hands from temperatures up to 500°C (900°F)
- Commonly used in foundries etc.

Code	Description	Color	UOM	Package
GLVT0001ZZZZZ	Heat Resistant Gloves 500°C +	Silver	1 pair	1 pair

Leather/ Aluminized Heat resistant gloves 300 °C

- Kevlar fabric knitting, fabric touch, good ventilation
- Cut resistant
- Manufactured from aluminized fabric and designed to insulate hands from temperatures up to 300°C (550°F)

Code	Description	Color	UOM	Package
GLVT0002ZZZZZ	Heat Resistant Gloves 300°C +	Silver/ Yellow	1 pair	1 pair

Leather/ Alumized Heat resistant #HG-1250

- High quality leather on palm offering additional durability
- Resistant to abrasion
- Manufactured from aluminized fabric and designed to insulate hands from temperatures up to 650°C (1250°F)

Code	Description	Color	UOM	Package
GLVT0003ZZZZZ	Heat Resistant Gloves #HG-1250	Silver/ Grey	1 pair	1 pair

Aluminized Gloves #HG-AL2

- Abrasion resistant
- Manufactured from aluminized fabric and designed to insulate hands from temperatures up to 800°C (1500°F)

Code	Description	Color	UOM	Package
GLVT0005ZZZZZ	Heat Resistant Gloves #HG-AL2	Silver	1 pair	1 pair

Silicon Heat Resistant Gloves #H-200

EN374-1 EN388 EN407 EN420

- Manufactured from Silicone c/w heat resistant insulated inner
- Excellent dexterity and comfort
- Length 27 cm.
- Also prevents ingress of liquids
- Heat resistant up to 200°C (350°F)

Code	Description	Color	UOM	Package
GLVT0007ZZZZZ	Heat Resistant Gloves #H-200	White	1 pair	1 pair

Hand Protection

Heat Insulating Resistant Leather Gloves #LG-HG 1413

- High quality cow leather material
- Comfortable with limited cut resistance
- Length 14 inches
- Manufactured from aluminized fabric and designed to protect hands from heat up to 300°F
- Also protects against heat from arc flash

Code	Description	Color	UOM	Package
GLVL0003ZZZZZ	Heat insulating resistant Gloves #LG-HG 1413+	Brown	1 pair	1 pair

Heat Resistant Leather Gloves #LG-012

- High quality cow leather material
- Comfortable with limited cut resistance
- Length 16 inches
- Manufactured from aluminized fabric and designed to protect hands from heat up to 150°C (300°F)
- Also protects against heat from arc flash

Code	Description	Color	UOM	Package
GLVL0005ZZZZZ	Heat resistant leather Gloves #LG-012+	Grey	1 pair	1 pair

Welding Gloves

Argon Welding Leather Gloves #125Y

- High quality leather material
- Comfortable & cut resistant
- Heat resistant, especially from argon welding

Code	Description	Color	UOM	Package
GLVL0001ZZ100	Argon Welding Leather Gloves #125Y #10+	Yellow	1 pair	1 pair

Argon Welding Leather Gloves

- Genuine Leather
- Open cuff for comfort
- Soft and durable
- Heat resistant protects against are flash from argon welding etc.

Code	Description	Color	UOM	Package
GLVL0025ZZZZZ	Argon Welding Leather Gloves+	Grey	1 pair	1 pair

Argon Welding Leather Gloves #LG-2FB

- High quality leather material
- Comfortable and cut resistant
- Heat resistant, especially from argon welding

Code	Description	Color	UOM	Package
GLVL0002ZZZZZ	Argon Welding Leather Gloves #LG-2FB+	Grey	1 pair	1 pair

Chamois Leather Gloves

- Soft Chamois leather material
- Designed for second responders in firefighting and heat protection
- Length 30 cm.

Code	Description	Color	UOM	Package
GLVL0007ZZZZZ	Chamois Leather Gloves :	Black	1 pair	1 pair

Short Sleeve Cow Split Leather Gloves

- High quality split leather material, soft and durable
- Length 10 inches
- Limited heat resistance

Code	Description	Color	UOM	Package
GLVL0020ZZZZZ	Split Leather Gloves+	Grey	1 pair	1 pair

Long Sleeve Cow Split Leather Gloves

- High quality split leather material, soft and durable
- Length 13.5 inches
- Limited heat resistance

Code	Description	Color	UOM	Package
GLVL0021ZZZZZ	Long Sleeve Leather Gloves+	Grey	1 pair	1 pair

Shoulder Length Sleeve Cow Split Leather Gloves

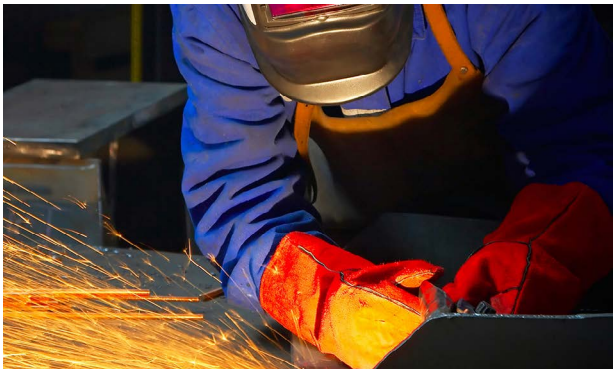
- High quality split leather material, soft and durable
- Length 22 inches
- Limited heat resistance

Code	Description	Color	UOM	Package
GLVL0022ZZZZZ	Shoulder length Leather Gloves+	Grey	1 pair	1 pair

Fully Lined Cow Split Leather Gloves

- High quality split leather material, soft and durable
- Length 14 inches
- Limited heat resistance

Code	Description	Color	UOM	Package
GLVL0024ZZZZZ	Fully Lining Leather Gloves+	Grey	1 pair	1 pair



Chemical Resistant Gloves

High Performance Nitrile

CE 0120 EN374-2 EN374-3 EN388 J K L 4 1 0 1

- Nitrile synthetic rubber, soft, durable and comfortable
- Prevents penetration of oil and chemicals
- GLVR0034: thick 15mil and GLVR0035: thick 18mil x 33 cm.
- General use

GLVR0034 thick 15 mil x 33 cm

Code	Description	Size	Color	UOM	Package
GLVR0034ZZZZS	Nitrile Gloves NF1513 #S+	S	Green	1 pair	1 pair
GLVR0034ZZZZM	Nitrile Gloves NF1513 #M+	M	Green	1 pair	1 pair
GLVR0034ZZZZL	Nitrile Gloves NF1513 #L+	L	Green	1 pair	1 pair

GLVR0035 thick 18 mil x 33 cm

Code	Description	Size	Color	UOM	Package
GLVR0035ZZZZS	Nitrile Gloves NF1813 #S+	S	Green	1 pair	1 pair
GLVR0035ZZZZM	Nitrile Gloves NF1813 #M+	M	Green	1 pair	1 pair
GLVR0035ZZZZL	Nitrile Gloves NF1813 #L+	L	Green	1 pair	1 pair

CE EN374 EN388 A J K 4 1 2 1

PVC Coated Gloves for Oil Protection

- PVC palm coating for added grip & dexterity
- Soft, flexible and comfortable
- Oil, chemical, acid, grease and solvent resistant
- Length 30 cm.

Code	Description	Color	UOM	Package
GLVP0007ZZZZZ	PVC Coated Gloves #656+	Blue	1 pair	1 pair

CE

Oil Protection PVC Gloves

- PVC material, soft, flexible and durable
- Oil, chemical, acid, grease and solvent resistant
- Length 30 cm. Thickness 0.28 cm.
- Suitable for light industry
- Length 28.5 cm

Code	Descriptioin	Color	UOM	Package
GLVP0012ZZZZZ	Oil Protection PVC Gloves #781:	White	1 pair	1 pair

CE EN374-3 EN388 A K L 3 1 3 1

Neoprene Gloves

- Neoprene synthesis rubber. High scratch or pull resistant.
- Good for most hazardous chemicals
- Rough in the palm area allow to hold things tight
- Temperature adjustment: cold or heat
- Length 33 cm.

Code	Description	Size	Color	UOM	Package
GLVP0001ZZ080	Neoprene Gloves #29530 #8+	8	Black	1 pair	1 pair
GLVP0001ZZ090	Neoprene Gloves #29530 #9+	9	Black	1 pair	1 pair
GLVP0001ZZ100	Neoprene Gloves #29530 #10+	10	Black	1 pair	1 pair

Rubber Gloves #GR-1 (Thick)

- Natural rubber material
- Length 13 inches.
- Suitable for cleaning and general use

Code	Description	Color	UOM	Package
GLVR0009ZZZZZ	Rubber Gloves #GR-1 +	Orange	1 pair	1 pair

All Purpose Rubber Gloves #GR-1 (Thick)

- Natural rubber material
- Length 13 inches.
- Dotted fingertips provides slip resistance

Code	Description	Color	UOM	Package
GLVR0008ZZZZZ	All purpose rubber Gloves #GR-1 +	Black	1 pair	1 pair

Rubber Gloves #G627 (Thick)

- Comfort fit
- Length 18 inches
- Chemical, acid and oil resistant
- General use

Code	Description	Color	UOM	Package
GLVR0020ZZZZZ	Rubber Gloves #G627+	Black/ Orange End	1 pair	1 pair

Rubber Gloves #G-627 (Thick)

- Natural rubber material
- Length 24 inches
- Chemical, acid and oil resistant

Code	Description	Color	UOM	Package
GLVR0017ZZZZZ	Rubber Gloves #G-627 +	Black	1 pair	1 pair

Rubber Gloves

- Comfort fit
- Length 12 inches
- Chemical, acid and oil resistant
- General use

Code	Description	Color	UOM	Package
GLVR0022ZZZZZ	Rubber Gloves #TIGER TECH:	Black	1 pair	1 pair

Disposable Gloves

Nitrile Gloves Powder-Free

- Nitrile rubber, soft, durable and comfortable
- Prevents penetration of oil and chemicals
- Suitable for Laboratory, chemicals, food, electronics and light petro-chemical industries
- Length 25 cm.

Code	Description	Color	UOM	Package
GLVR0011ZZZZS	Nitrile Gloves #37704 #S+	Blue	1 pair	50 pairs/box
GLVR0011ZZZZM	Nitrile Gloves #37704 #M+	Blue	1 pair	50 pairs/box
GLVR0011ZZZZL	Nitrile Gloves #37704 #L+	Blue	1 pair	50 pairs/box

Rubber Gloves

- Natural rubber material, soft, durable and comfortable
- Easy to wear
- Suitable for Food and drug, cosmetics, laboratory, medical testing and others similar industries

Powdered rubber gloves

Code	Description	Size	Color	UOM	Package
GLVR0023ZZZZS	Powdered Rubber Gloves #S +	S	Beige	1 box	50 pairs/ box
GLVR0023ZZZZM	Powdered Rubber Gloves #M+	M	Beige	1 box	50 pairs/ box
GLVR0023ZZZZL	Powdered Rubber Gloves #L+	L	Beige	1 box	50 pairs/ box

Powder-free rubber gloves

Code	Description	Size	Color	UOM	Package
GLVR0024ZZZZS	Powdered-free Rubber Gloves #S +	S	Beige	1 box	50 pairs/ box
GLVR0024ZZZZM	Powdered-free Rubber Gloves #M+	M	Beige	1 box	50 pairs/ box
GLVR0024ZZZZL	Powdered-free Rubber Gloves #L+	L	Beige	1 box	50 pairs/ box