

No one protects your hands better than we do!



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There is no debate on this, © Period. We are India's largest oilfield specialty gloves suppliers. Selling over 10000 pairs of impact protection gloves every year, protecting thousands of workers hands out there in the field from injuries.

From the introduction of KONG impact protection glove in 2009, we have come a long way in this, handling all major brands worldwide in Indian markets. Our customer list for this reads like a who's who in the oil and gas industry. Our stocking of over 40 variants in five sizes is more than what a distributor in North Sea or Gulf of Mexico would do. So whether you need to do all base line work or work with harsh chemicals or oil based muds or need to do precision work, no matter what the task is, we will have an impact glove variant that will meet your requirements.

So when it comes to your hand protection, you know who to rely on. Project Sales Corp. We have made protecting *your* hands, *our* business.

So we say, No one protects your hands better than we do!

INTRODUCTION TO PSC TASK SPECIFIC GLOVES

Workplace can create many hazards for your hands, whether from chemicals, cuts or burns. Potential hazards include skin absorption of harmful substances, chemical or thermal burns, electrical dangers, bruises, abrasions, cuts, punctures, fractures and amputations. Protective equipment includes gloves, finger guards and arm coverings or elbow-length gloves. No single glove can provide appropriate protection for every work situation, so it is important to assess the risk for each task and select a glove that provides specialized protection.

To ensure the most appropriate gloves for a specific task and environmental conditions, it is necessary to

- Identify the hazards and need for the protection
- Consider the workplace conditions such as temperature and the need to perform repetitive movements.
- Consider the duration and nature of contact.
- Identify manual dexterity required.
- Select a suitable material to give the protection required.
- Select a suitable style and fit.
- Determine the potential effects of skin exposure.
- Determine whether re-usable or disposable gloves are required.

AUTHORISED DISTRIBUTORS

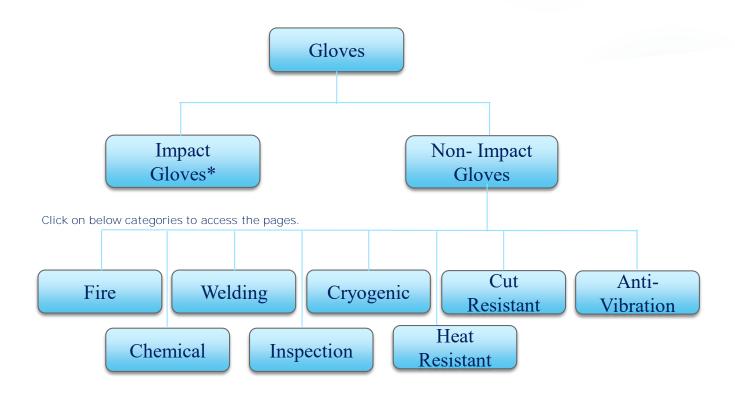
- Mechanix
- > Tillman
- > Superior
- > MCR
- > Ironclad

Stockists of Honeywell, Rubberex, Granberg, Holik, Salisbury, Ringers, etc.





NON-IMPACT GLOVES CATEGORIZATION



*Request us for a specific catalogue for our PSC Impact Gloves Range and other range of task specific gloves.



GLOVE SELECTION GUIDE

S.N	0	Glove Material		Use to Protect against
	1	Butyl	X	Peroxide, strong acids and bases, alcohols, aldehyde, ketones, esters.
2	2	Neoprene		Alcohols, oxidising acids, hydraulic fluids, phenol, glycol ethers
3	3	Nitrile	ANG.	Oils, greases, aliphatic chemicals, xylene, alcohols, acids and caustics
4	4	Polyvinyl Chloride (PVC)		Strong acids and bases, salts, and other water solutions
4	5	Cryogenic Gloves		Liquid Nitrogen
(6	Leather		Welding, sheet metal work, handling hot or cold objects, gardening
<u> </u>	7	Kevlar* Brand Fibre	The same	Work where temperature extremes are an issue
8	8	Mesh Gloves		Used for work that requires repeated cutting and slicing

UNDERSTANDING GLOVE STANDARDS

Standardized testing insures PPE providers correctly classify their products and are not overstating product features and performance. When it comes to testing standards for hand protection, there are two bodies that perform rigorous material testing in accordance to industry standards.

- The CE or European Conformity marking can be described as an official seal of approval to sell within the European Union. The CE mark of approval makes a statement to consumers, safety professionals, and purchasers that the product meets safety and consumer PPE requirements.
- ➤ ANSI or American National Standards Institute for hand protection, assists safety managers and employers purchase the appropriate hand protection for workplace hazards based on various physical testing standards for PPE.

The most well known CE standards are:

- ➤ EN388 Mechanical Properties Test
- ➤ EN420 General Glove Requirements Test
- > EN 407 Heat and flame
- > EN 374 Chemical and Microbiological
- ➤ EN 6093 High Voltage

Standard CE mark will appear with four digits (e.g. 0120 = SGS, 0493=Centexbel, 0321=Satra, 0123=TÜV)



UNDERSTANDING GLOVE STANDARDS

S.No	Pictogram	Standards
1		Tested for protection against chemical permeation
2	ABODEF	Tested against heat and flame
3	EN374	Tested for protection against liquid penetration and micro-organisms
4	EN 388:2003	Tested for protection against mechanical risks (abrasion, blade cut resistance, tear resistance & puncture resistance)
5	? EN 374-1	Low chemical resistant or waterproof gloves.
6	$\bigcap_{\mathbf{i}}$	Instructions for use

For more information on the glove standards, <u>click here</u>



FIRE GLOVES

Firefighting gloves are designed to provide protection against injuries to the hand when properly worn by firefighters during normal operational and training activities.

These gloves have to be NFPA certified.

Holik Brenna 8071



Holik Tarren 8068











FIRE GLOVES

Features of Holik Brenna & Tarren Gloves

- Anatomical Glove Cut for Brenna
- **3D Pattern** for Brenna & Tarren
- Outer Shell Brenna leather specially treated, heat, water and abrasion resistant; Outer Shell Tarren Cowhide Leather.
- **Back** Split cowhide leather black
- **Palm** Grain cowhide leather black
- **Aramid non-woven fabric** The intermediate layer increases resistance against heat, abrasion and cutting
- Membrane / Membrane Porelle[®] FR
- Internal thermo protective layer on the back of the hand and thumb
- **Polyurethane FR Moisture Barrier** Creates a barrier against water, chemicals, wind, blood as well as bacteria highly breathable flexible, sensitive, firm
- Aramid lining with increased grammage; Leather gauntlet or Para-Aramid wristlet



HEAT RESISTANT GLOVES

Ironclad HeatWorx Heavy Duty

Our heat resistant glove features a Kovenex® palm liner and silicone-laminated Kevlar® finger sidewalls for extreme heat protection in critical areas. A full Kevlar shell means extra heat protection and improved cut resistance.

Features

- Ironclad HotShield® Technology Heat Resistance without sacrificing dexterity
- Breathable & Flexible
- 100% Kevlar shell
- Extended gauntlet cuff for added protection and comfort

Superior Flame Resistant Rhovyl® Anti-Static String-Knit Gloves

Rhovyl® will not drip, melt or adhere to the skin if exposed to heat or direct flame, a quality that is not affected by laundering. Light as nylon and exceptionally non-absorbent, we've added ESD-carbon filament for anti-static properties. (Surface-resistance rating between 10 to the 10th Ohms, to 10 to the 7th Ohms). Thin, seamless and soft, they provide the insulation, and warmth of wool - without the bulk or itchiness - yet protect from both extreme heat and cold. Rhovyl® is hypo-allergenic, and resists mildew and other destructive biological agents (sun, salt and mold). It's also easy care - machine washable and quick drying - so it also wicks moisture away from hands.







Chemical resistant gloves which provide an effective barrier against the specific chemicals used must be worn whenever hands are potentially exposed to chemicals. Chemical permeation through an inappropriate glove can result in significant worker exposure and serious health effects, particularly when using highly toxic chemicals which are readily absorbed into the bloodstream via the skin.

Type of gloves available under chemical resistant are

- ➤ Nitrile
- Neoprene
- > Butyl
- > PVC

PSC stocks chemical resistant gloves based on the type of material

- > Ansell
- Condor
- Grainger
- Rubberex
- > Superior
- ➤ Honeywell
- Lakeland



Nitrile Gloves

Nitrile Gloves are the perfect combination of latex and vinyl. Nitrile is made from an allergy safe compound that feels a lot like latex but it's much stronger, costs less, and is more comfortable to wear. Nitrile is perfect for demanding applications in medical industry, laboratories, automotive industry, product inspectors, etc.

Products under nitrile gloves are

- ➤ Grainger Condor Nitrile
- ➤ Lakeland Nitrile
- ➤ Ansell Solvex
- ➤ North Nitriguard

Condor Disposable Gloves



These 100% nitrile gloves are designed to offer superior resistance to punctures, abrasion, and chemicals. The nitrile construction is free of all natural rubber proteins known to cause allergic reactions, making the gloves suitable for high-risk and sanitary applications such as food and pharmaceutical applications. *Part Numbers - 2XLZ6, 2XLZ7, 2XLZ8, 2XLZ9*



Lakeland Nitrile Gloves



Provides protection from both physical and chemical when exposed to solvents. petroleum, aromatic, caustics and fatty acids in food service applications.

Features

- Excellent snag, puncture, abrasion and cut resistance.
- > Case hardened to increase wear and chemical resistance.
- Easier and safe handling of wet objects.
- > Diamond pattern for superior wet grip.

Ansell Solvex



High performance nitrile compound provides an outstanding combination of chemical resistance and strength.

- Offers superior snag, puncture and abrasion protection over rubber or neoprene gloves
- ➤ High levels of flexibility, comfort and dexterity
- ➤ Won't swell, weaken or degrade, and does not promote contact dermatitis
- The sandpatch finish gives the glove a smooth surface that decreases indirect costs thanks to fewer rejects of fragile parts



Honeywell North Nitriguard



Nitrile offers superior resistance to cuts, snags, abrasions and punctures. Nitrile will not swell, sag or weaken from fat absorption. Complies with USDA and FDA regulations, 21 CFR.

Part Number - LA132G.

Features

- Unsupported nitrile glove.
- > Flocked cotton.
- Raised pattern.
- > Gloves are free of latex proteins which can cause allergic reactions
- Thickness: 0.38 mm. Length: 33 cm

Grainger Condor Nitrile Gloves



Chemical Resistant Gloves, Nitrile, Smooth, 15.00 mil, 13 In., Cuff Straight, Lining Flock, Glove Size 9, Color Green, Unsupported, Resists Various Solvents, Animal Fats and Other Chemicals.

Part Number - 6JF98



Neoprene Gloves

Neoprene is the DuPontTM trade name for chloroprene, the first commercial synthetic rubber created. Neoprene has good abrasion and cut resistance, while resisting the effects of aging, sunlight, ozone, oxidation and weather.

These gloves are often used when heavy duty protection is required. Neoprene itself resists degradation better than natural or synthetic rubber which means these type of work gloves will last longer. The natural chemical resistance of the product also makes it ideal for handling a variety of chemicals, oils, and substances.

Superior Chemstop®





Heavy duty Neoprene glove resists a broad range of oils and chemicals that attack natural rubber gloves. Excellent protection from acids, caustics, oils, greases, and many solvents.

- ➤ Cotton shell absorbs perspiration and cushions hands.
- ➤ Liquid, vapour and heat resistant thermal lined neoprene glove is suitable for many jobs as it protects against intermittent contact with hot objects up to 550°F.
- ➤ The extra long 18" length gives added protection.
- ➤ Withstands detergents and cleaning solutions and yet is easily sanitized using a three sink wash method.



Butyl Gloves

Butyl rubber gloves offer superior resistant to highly corrosive acids, ketones and esters. They protect well against bases, alcohols, amines and amides, glycol ethers, nitro-compounds and aldehydes. Butyl provides the highest permeation resistance to gases and water vapors or any protective material used to make gloves.

Black Knight from Rubberex



100% unfilled natural rubber latex for durability and abrasion resistance. Satin interior for enhanced user comfort. Raised diamond pattern for superior wet and dry grip. Thicker gauge and longer length for maximum chemical and splash protection.



- > Pure natural latex for better mechanical resistance
- > Extended length 450mm, heavy duty glove
- > Thicker gauge
- Satin finish, unflocked interior
- Sanitised to inhibit bacterial growth



PVC Gloves

PVC gloves provide adequate protection against stronger acids and bases as well as salts, alcohols and water solutions making this type of hand PPE ideal for tasks that involve handling these kinds of materials or when handling objects in the wet. PVC gloves also provide adequate protection against abrasion and to a certain degree of vibration and shock. You can also use PVC gloves for assembly line work and handling small parts.

Superior PVC ChemstopTM



ANSI 2

These PVC gloves are coated over a two piece cotton interlock liner. PVC has good resistance to aqueous solutions, detergents, oils, acids and bases. PVC also has good abrasion resistance.

- ➤ Thick PVC coating over 100% cotton interlock liner
- Resists many substances plus great abrasion resistance and tensile strength
- > Cotton interlock lining is absorbent for cooler comfort
- ➤ 14" gauntlet cuff



WELDING GLOVES

Welding gloves can protect you from electric shock, flames, hot parts, sharp or flying metal, and arc rays. Proper gloves are the first line of defence against the hand hazards of welding and cutting. ANSI Standards requires that all welders and cutters wear protective gloves while working.

Brands under welding are

- > Tillman
- Granberg

Tillman Gloves

A selection of Premium welding Tillman's for Stick Welding with Kevlar Stitch. Stick welding produces the most heat, sparks and spatter resulting in the need for gloves with more heat insulation. Since this process requires less dexterity it allows the user to wear gloves that are thicker and offer more heat protection.

Features

- > Durable Cowhide Split with Kevlar Stitching
- ➤ Cotton/Foam lined for extra comfort and moisture absorption
- ➤ Double Reinforced thumb with durable Welted fingers protect stitching.





1200L

1250L



WELDING GLOVES

Granberg Gloves Welding Range

Granberg 103.4230K - A-grade cow grain leather, fully lined

Features

- ➤ Made for durability and long-lasting comfort.
- > Designed with thumb base area reinforcement.
- ➤ Sewn with strong, heat-resistant Kevlar® thread.

Granberg 104.2560 - Cow split leather, fully lined

Features

- ➤ Comfortable.
- > Sewn with strong, heat-resistant Kevlar® thread.

Granberg 106.1690K - A-grade cow split leather, fully lined

Features

- > Sturdy, long-life welding gloves.
- > Designed with thumb base area reinforcement.
- ➤ Sewn with strong, heat-resistant Kevlar® thread.

Granberg 106.1691K

Features

- > Sturdy, long-life welding gloves.
- > Extra long (40 cm).
- ➤ Sewn with strong, heat-resistant Kevlar® thread.



EN 388:2003



EN 407



4232

42224X



FN 388: 2003 EN 407



(



413244



FN 388:2003



4232



412244



EN 388: 2003



3244



EN 407

41XX4X



CUT RESISTANT GLOVES

Protect your workers' hands when performing tasks that necessitate the use of cutting tools with Kevlar[®] gloves and cut-resistant gloves. These types of work gloves are designed to help protect the hands against cuts from grinders, utility knives, hatchets and other sharp edged tools, as well as sharp edges of glass, ceramics and cut metal sheets. Both Kevlar[®] gloves and cut-resistant gloves are also designed to allow hand and finger flexibility.

MCR SteelCore II®

The Strength of Steel, the Comfort of Nylon.

Take dual stainless steel, wrap it in soft nylon yarn and you get an unbeatable package of strength and comfort. This reversible, cut-resistant glove is made with FDA-accepted materials for food processing applications. Will not shrink when laundered. Individually packaged, these gloves are available with PVC coating for a more positive grip. Hems are color coded to identify sizes. For strength and comfort, Steelcore II[®] is unbeatable and only manufactured by Memphis Glove.

- ➤ 10 Gauge medium weight stainless steel wrapped in polyester
- > ANSI and CE cut level 4
- Made with FDA accepted material for use in food processing
- Can be laundered without shrinkage
- ➤ Polybagged each Reversible
- ➤ Color coded hem to identify sizes







CRYOGENIC GLOVES

Cryogenic gloves are multi layer insulated gloves designed to provide protection to the hands and arms from the hazards encountered when working with ultra cold. They are light weight, flexible, durable, clean, allow for excellent dexterity, are very comfortable to wear for extended periods, and are extremely warm.

Honeywell Cryogenic Gloves

Protection against small drops of liquid gas up to -170°C.



Feature

- ➤ Water-repellent silicone cowhide grain leather glove
- ➤ Fully lined with 2 aluminium/fleece layers
- ➤ Gunn cut, winged thumb, crispin type
- > Reinforcement between thumb and index
- ➤ 200 mm split leather cuff
- ➤ Velcro[®] adjustment strap on side of the palm

Benefit

- > COMFORT
- The US assembly, the winged thumb and flexibility of the materials used make this glove anatomical, thus providing
- > excellent comfort.
- ➤ The Velcro fastening tab gives the glove good support.



INSPECTION GLOVES

Inspectors gloves are designed to protect products from fingerprints, hand oils, scratches or other types of contamination. They can also be used as a glove liner beneath gloves - especially rubber - to absorb perspiration.

These gloves are featherweight to heavyweight, cotton blends, low & lint-free nylon, thin nylon, anti-static filament nylon & ESD carbon, also in reversible & half-finger styles.

Available brand is Superior.

Types of inspection gloves available are

- ➤ Light/Heavy Weight Cotton/Poly Slip-on Gloves
- ➤ Lint-Free Medium-Weight, Slip-On Style Paint Line Glove
- ➤ Lint-free Slip-on Style Nylon Inspector's Glove



INSPECTION GLOVES

Light/Heavy Weight Cotton/Poly Slip-on Gloves

The light/heavy weight, cotton/poly knit fabric is form-fitting, and all three styles are hand-to-hand reversible for longer wear.

Features

- > These gloves protect products from contamination such as fingerprints, oils, scratches
- > Form-fitting for comfort and high dexterity
- ➤ Cotton/Poly for absorbency; can be used a liner

Lint-Free Medium-Weight, Slip-On Style Paint Line Glove

Lint-free continuous-filament nylon work gloves are medium-weight and specifically designed for use in electronics and paint line applications. They protect sensitive surfaces from dirt, oils and scratches.

Lint-free Slip-on Style Nylon Inspector's Glove

Nylon tricot gloves are lint free, and come in two styles: reversible and fitted. The N10R is reversible for greater cost savings, while the N10F features a parade forchette thumb for a more accurate fit. Both styles are lint free and slip on easily for use in electronics, paint lines and any application where protection from contamination is required.

Features for PaintLine and Nylon Gloves

- ➤ Lint-free nylon makes gloves ideal for working with electronics, paintlines
- ➤ Slip-on styling for ease of donning and doffing









ANTI-VIBRATION GLOVES

Jobs involving repetitive impact and vibration can lead to carpal tunnel syndrome and other debilitating injuries. If you are handling pneumatic tools, rivet guns, or jackhammers, PSC's range of vibration-dampening gloves with impact resistance and metacarpal protection help reduce your risk of injury.

Products available in this segment are

- ➤ Superior Vibrastop Dampening Gloves
- Superior Vibrastop Fitter Gloves
- ➤ Ironclad Wrenchworx Vibration Impact Gloves

Superior Vibrastop Dampening Gloves

Vibrastop[™] gloves are padded with vibration-dampening polymer for protection from the effects of repetitive impact when using pneumatic vibrating tools. Certified to EN ISO 108919:1996.

VibrastopTM goat-grain leather anti-vibration palm, thumb and wrist, 2.5" long adjustable padded wrist strap for excellent wrist support, stretch-nylon mesh backs.



- > Padded with 60 gram layer of vibration dampening polymer
- ➤ Good for protection from repetitive impact and work with pneumatic vibrating tools
- Vibration protection in palm
- ➤ 2.5" long adjustable padded wrist strap



ANTI-VIBRATION GLOVES

Superior Vibrastop Fitters

These gloves are padded with a layer of vibration dampening polymer. Good for protection from repetitive impact and work with pneumatic vibrating tools. VibrastopTM vibration-dampening split fitter, safety-cuff style, anti-vibration padded palm and double thumb, red cotton back cuff.



Features

- ➤ Padded with a layer of vibration dampening polymer
- > Sturdy split-leather fitter features a safety cuff for easier donning and doffing
- > Double thumb patch, with red cotton-back cuff

Ironclad WrenchWorx® Vibration Impact

Wrenchworx Vibration Impact is a highly dexterous, patent design glove, engineered to provide maximum protection, in the critical palm area, from fatigue and the potential damage associated with vibration and impact tools.



- Energy absorbing, non-compressible, 100% silicon gel-palm pads.
- ➤ The trademark Contourgrip jointed 3D-palm geometry ensures a solid, comfortable grip and maximum dexterity and control on tools.
- > DuPont Teflon treatment on palm for oil and water resistance.
- ➤ Velcro fastener for ease of donning, which also provides a secure fit limiting the ingress dirt and debris.
- > Synthetic back of hand and finger side walls is form fitting and breathable for all day comfort.



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