

# STICER



**INDUSTRIAL SERIES**



EMPLOYEES  
WORLDWIDE

5,500



1000+

RESEARCHERS

## PRODUCTION FACILITIES ACROSS THE GLOBE



PATENTS

58

OWNED



**[100%]**  
integrated manufacturing

**1**  
BRAND

unrivalled protection & innovation

**65** YEARS

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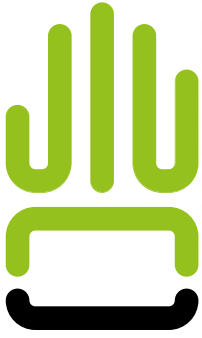
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## PROTECT WHAT MATTERS

Hands provide 70% of man's total motor abilities.

Endowed with exceptional mobility and agility, the hand is a highly developed tool comprising 27 bones, several feet of blood vessels and thousands of nerve endings. Our skin is the first layer of protection and, efficient as it may be, it offers limited resistance to the cold and other dangers such as cuts and blows.

Always Innovating.  
Never Imitating.

Beginning with the world's first PVC and Disposable Nitrile gloves, we've always led the pack with better, safer ways for you to work with your hands.

We combine our technological expertise and mastery of design with an intimate understanding of our customers, their work and the protection they need to go above and beyond. This approach enables us to take protection to the next level with advancements like our cut-resistant **Hagane Coil®** and **S-TEX** range, which can withstand up to 40N force—unlike any other glove on the market. Our standard is the highest standard of performance and safety, providing you the ultimate defense, no matter what task awaits you.

Quality is woven  
into every fiber  
of our organization.

We have full control of our industrial ecosystem, enabling us to maintain consistent quality and achieve perfection at every level. We perform every possible resistance test in our labs to ensure that each glove is fit for work before packaging and delivery. All of our production sites around the world are ISO 9001 certified and embrace our relentless pursuit of excellence.

## BETTER-PROTECTED USERS

It is a mistake to believe that for a glove to be good, it just needs to meet current standards and prevent whatever risk the user is facing. The reality is much more complicated than it appears.

Whatever the industry, working conditions or application, the glove needs to be as comfortable as possible. Comfort is paramount as, without this essential quality, the worker's safety would be considerably reduced.

Historically, a lot of construction workers would not wear gloves because it limited their dexterity and prevented them from doing their jobs correctly. Despite the risks, they found it more practical to work without protective gloves. Faced with this situation, manufacturers of personal protective equipment, especially SHOWA, have developed solutions that enable everyone to benefit from increased comfort and exemplary protection.

By developing ergonomic glove ranges that perfectly follow the shape of the hand and as the first company to develop seamless, coated gloves and certain high-performance fibers, SHOWA is a forerunner in numerous technological advancements. Providing a high level of protection against mechanical and chemical risks, SHOWA gloves always offer more comfort, flexibility and accuracy than any other brand.

**[100%]** Integrated  
Manufacturer  
Since 1951

By owning all of our manufacturing, design and inspection processes, we create our own machinery, yarns, coatings, polymers and hand formers. This unchallenged level of control fuels our innovation process, resulting in unreplicable products and technology that give us a significant advantage over our competition.



# [ GLOVE SIZE CHART ]

IT IS CRUCIAL TO GET THE GLOVE SIZE RIGHT FOR MAXIMUM DEXTERITY.  
HERE ARE A FEW RECOMMENDATIONS TO HELP YOU IN FINDING  
THE RIGHT SIZE OF GLOVES YOU NEED.

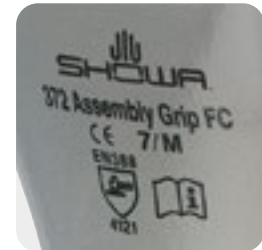
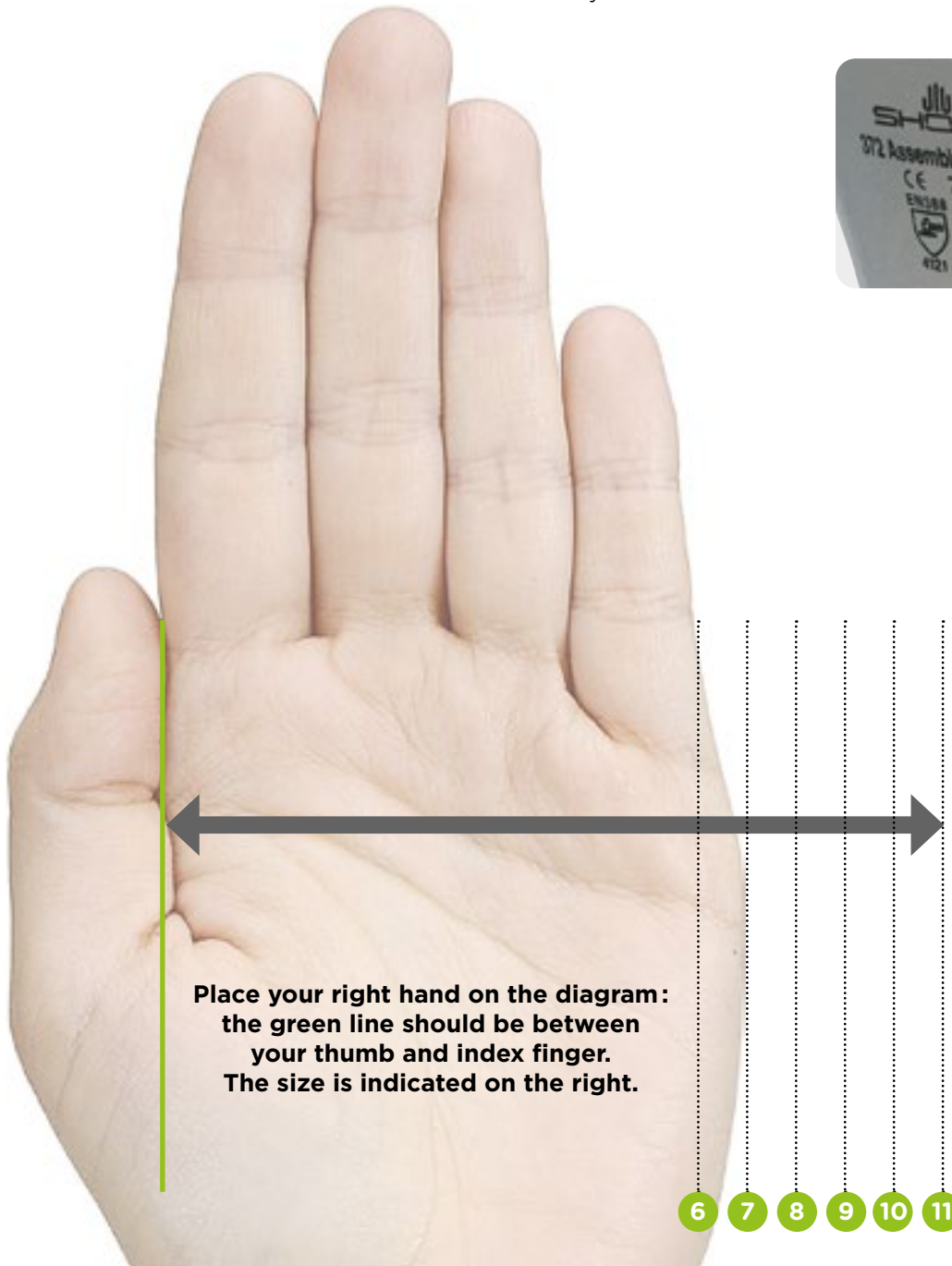
Glove size further to EN 420	Hand (mm)		Glove (mm)
	Palm circumference	Length	Minimum length
6	152	160	220
7	178	171	230
8	203	182	240
9	229	192	250
10	254	204	260
11	279	215	270

## COLOR-CODED CUFF

Some styles of SHOWA gloves have a color-coded cuff. These cuffs enable the size recognition in the factory and the pairing after washing the gloves.

## TESTING PRIOR TO USING

If the glove is too small, it cuts off the blood circulation and restricts the movement of the hand. On the other hand, oversized gloves slip off at the slightest movement and make your handling very imprecise. To be sure of your size and fit, do not hesitate to ask for samples from your SHOWA distributor.



# MATERIALS

and their PERFORMANCES

SHOWA offers a wide range of liner materials and coatings.

Compare the strengths and drawbacks of each then choose the compositions that best meet your needs.



66NF

Natural cellulose fiber. Flexible, soft and non-irritating, it protects against mechanical aggression (impacts, low vibration, iron filings, splinters, glass fragments), absorbs perspiration and gives you great comfort when wearing dipped protective gloves continuously. Cotton fibers are mixed with polyester fibers in order to associate comfort with a higher mechanical resistance and more elasticity.

380

A lightweight elastic polyamide which is largely lint-free and washable, dries quickly and is resistant to abrasion and deformation. Mixed with cotton and acrylic, it makes the glove more flexible and extends its lifetime.

451

Soft, warm insulating fiber that is resistant to water, common solvents, acids and weak alkalis. Abrasion resistant. Often mixed with cotton to make the glove more lightweight.

541

High performance polyethylene is flexible, light and durable. As resistant to cutting as para-aramid fibers but provides more resistance to abrasion. Resistant to chemicals, particularly solvents.

4561

Lightweight, supple, comfortable, washable fiber that provides effective protection from cuts (above level 5, with stainless steel reinforcing) and from convective heat. Aramids offer durability and performance that far exceed that of leather (up to 5 times higher) and cotton (up to 3 times higher)

257

High-tech composite blends stainless-steel wire core with HPPE or aramid fibers for exceptional protection against cuts from sharp edged materials.



# EACH COATING HAS ITS QUALITIES!

	Description	Strengths	Weaknesses
<b>NITRILE</b>	Anti-slip vulcanised synthetic rubber	<ul style="list-style-type: none"> <li>+ Excellent abrasion and cut resistance</li> <li>+ Three times the puncture resistance of latex</li> <li>+ Good mechanical performance</li> <li>+ Excellent resistance to oil, grease and hydrocarbons</li> <li>+ Good resistance to acids, certain organic solvents, pesticides, oils and fuels</li> <li>+ No latex proteins</li> <li>+ Heat resistance (but no flame resistance)</li> </ul>	<ul style="list-style-type: none"> <li>- Relatively rigid</li> <li>- Normally low tear resistance</li> <li>- No chemical resistance against ketones and some chlorinated hydrocarbons (methylene chloride and trichloroethylene)</li> </ul>
<b>NATURAL LATEX</b>	Natural latex mainly from latex and the rubber tree	<ul style="list-style-type: none"> <li>+ Very flexible and elastic</li> <li>+ Good grip</li> <li>+ Excellent resistance to tearing and bending</li> <li>+ Good resistance to abrasion</li> <li>+ Very robust</li> <li>+ Waterproof</li> <li>+ Protects against weak acids, caustics, alcohols and detergents</li> <li>+ Protection against viruses and bacteria</li> </ul>	<ul style="list-style-type: none"> <li>- Poor chemical resistance against oils, greases, hydrocarbons and organic solvents</li> <li>- Proteins may cause allergies</li> </ul>
<b>POLYURETHANE (PU)</b>	Plastic that is a microporous elastomer	<ul style="list-style-type: none"> <li>+ Very flexible and elastic</li> <li>+ No latex proteins</li> <li>+ Clean - does not shed particles like other polymers</li> <li>+ Good resistance to abrasion</li> <li>+ Good resistance to oil</li> <li>+ Does not harden in the cold</li> <li>+ Does not soften in the heat</li> <li>+ Excellent perspiration reduction thanks to porous ventilation</li> </ul>	<ul style="list-style-type: none"> <li>- Low chemical resistance</li> <li>- Poor resistance to hot water</li> </ul>
<b>PVC (POLY VINYL CHLORIDE)</b>	Impermeable plastic	<ul style="list-style-type: none"> <li>+ Flexible at even -4°F/-20°C</li> <li>+ Material softened by a plasticizer</li> <li>+ Good electrical insulator</li> <li>+ High chemical resistance</li> </ul>	<ul style="list-style-type: none"> <li>- Low resistance to cuts, puncturing and heat</li> <li>- Disposable PVC gloves might have pinholes</li> <li>- Low resistance to solvents</li> </ul>
<b>NEOPRENE</b>	Polychloroprene synthetic rubber	<ul style="list-style-type: none"> <li>+ Flexible and soft like Natural Latex</li> <li>+ No latex proteins</li> <li>+ Good abrasion and cut resistant</li> <li>+ Chemical protection against acids, alcohols, fats, ketones, organic and inorganic solvents, oils, greases and petrochemicals</li> <li>+ Heat resistant and flame resistant</li> </ul>	<ul style="list-style-type: none"> <li>- Poor grip when wet</li> <li>- No chemical resistance against chlorinated hydrocarbon solvents</li> </ul>
<b>BUTYL</b>	Synthetic rubber polymer for heavy chemical protection	<ul style="list-style-type: none"> <li>+ Very elastic, even at low temperatures</li> <li>+ Excellent chemical resistance against ketones (MEK, acetone) and acids</li> <li>+ Low gas permeability</li> </ul>	<ul style="list-style-type: none"> <li>- Limited grip</li> <li>- Limited dexterity</li> <li>- Poor mechanical resistance</li> <li>- Poor resistance to aliphatic hydrocarbons (hexane, diesel, gasoline), aromatic hydrocarbons (benzene, toluene, xylene) and halogenated solvents (chloroform and chlorobenzene)</li> </ul>
<b>VITON</b>	Synthetic rubber polymer - the last resort	<ul style="list-style-type: none"> <li>+ Protects where nothing else protects</li> <li>+ Chemical protection against PCBs</li> <li>+ Excellent chemical protection against chlorinated, aliphatic and aromatic hydrocarbons</li> </ul>	<ul style="list-style-type: none"> <li>- Limited grip</li> <li>- Limited dexterity</li> <li>- Not suitable for ketones, esters and nitro compounds</li> </ul>

# INVESTING IN TOMORROW

We do all that we can to make a positive impact within our company, through our products and for our planet, always seeking better ways to meet the demands of today without compromising tomorrow.

This is why a large proportion of our research is devoted to biodegradable products and to developing fibers that have no impact on the environment. Our efforts to reuse and conserve resources in Japan have enabled us to obtain the ISO 14001 certification -a global standard in environmental management that helps us to continually improve our operations.

SHOWA R&D reaches a major breakthrough with **ECO BEST TECHNOLOGY® (EBT)**. EBT accelerates the biodegradation of nitrile in biologically active landfills and anaerobic digesters as validated by independent certified laboratories using internationally recognized test methods. EBT is composed of organic materials designed to make our biodegradable products attractive to microbial activity. These microorganisms upon consuming the EBT material excrete enzymes that depolymerize the nitrile. The final result is biogases and inert humus.



SHOWA  
**NSK24**

## CHEMICAL GLOVE

Engineered to protect hands and arms from tenacious chemicals, oils and abrasions, the NSK 24 is now also available with our revolutionary EBT® technology. The double nitrile coating and cotton interlock liner is a no-brainer choice for wet and greasy applications in the fishing, petro-chemical or agriculture sectors. Did we mention it's 21CFR approved as well? pg. 74



SHOWA  
**728/731**

## CHEMICAL GLOVE

Created with premium-grade polymers and nitrile reinforcement, SHOWA 731 is a flock-lined 15 mil nitrile glove that brings you the pinnacle of tactile precision and high-capacity protection against solvents and acids. Using revolutionary Eco Best Technology®, this mid-forearm gauntlet is designed for multiple uses and a range of applications, from food processing to manufacturing, janitorial to refinery operations. pg. 74



SHOWA  
**707HVO**

## CHEMICAL GLOVE

Crafted with SHOWA's revolutionary Eco Best Technology®, SHOWA 707HVO blends the best of single use and chemical resistant technology to deliver optimum fit, feel and comfort while protecting against chemicals. Its fluorescent orange color makes it an excellent choice for food, janitorial or sanitation environments, or to separate applications on processing floors. pg. 74

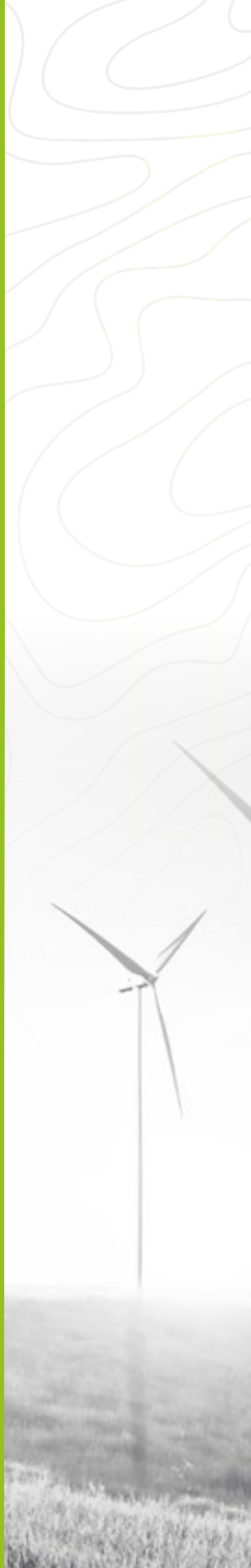


SHOWA  
**6110PF/6112PF**

## SINGLE USE GLOVE

The inventors of the world's first single use nitrile glove brings you the world's first biodegradable single use nitrile glove. Regular nitrile gloves cannot attract enough (if any) microbial activity to begin breaking down the polymer's molecular structure, thus leaving the process of reclamation to light, heat, mechanical stress and moisture... unlike the NEW SHOWA 6110PF biodegradable glove. pg. 102-103

NEW  
**7500PF**  
**7502PF**  
pg. 98







# Eco Best Technology®

## Protection & Preservation in ONE

Our Eco Best Technology® (EBT) is the breakthrough innovation that gave rise to the world's first biodegradable nitrile glove. EBT is composed of organic materials that accelerate the biodegradation of nitrile in biologically active landfills.

### BIODEGRADABLE IN 1-5 YEARS

Protection is our first priority. With SHOWA's revolutionary Eco Best Technology® (EBT), we provide top of the line hand protection, with a reduced impact on our planet.

### REDUCED ENVIRONMENTAL IMPACT

When disposed in landfills, microorganisms consume, metabolize and break down EBT materials into three natural compounds—organic soil, methane and carbon dioxide. This creates fertilizer, leaving zero waste behind.

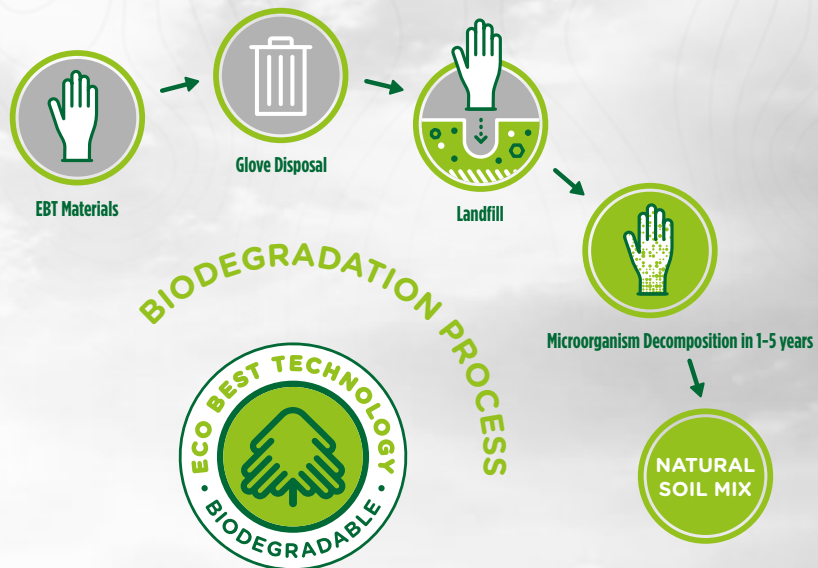
### ASTM D5526 ASTM D5511

EBT requires biologically active landfills for biodegradation. Which means gloves with EBT cannot even begin to biodegrade prior to disposal. These abilities have been validated by independent certified laboratories using ASTM International test methods (ASTM D5511).



Consider the number of single use gloves used every day in hospitals, offices, schools, warehouses, labs and even our own homes. The numbers are astronomical. With EBT, each glove's bio-degradation process is accelerated by up to 100 years\*. And every glove makes a difference.

\* when disposed in active landfills. Actual time may vary depending on climate and location of landfill





# [S-TEX]

## COMFORT AND SAFETY GO HAND IN HAND

At SHOWA we continuously work on improving the wearing experience. Ergonomic shape design, seamless knit liner, engineered fiber for flexibility and tactility are just some of the common features found in our gloves. By making our gloves as comfortable as possible without compromising on safety, we hope that our users will keep the gloves on at all times and stay safe in their workplace. This is particularly important in work that requires high cut protection, because accidents here can lead to serious injuries with grave consequences for both the user and the employer.

## THE STORY OF HAGANE COIL®

Our first notable liner for protection against mechanical risks was seamless knit nylon liner in glove B0500 launched back in 1988. Ensuring both comfort and protection was our aim from the get-go. Sturdy nylon combined with world's first polyurethane palm coating offers both dexterity and good abrasion resistance for general purpose use. Encouraged by this success, over time, SHOWA integrated new fibers and fiber combinations specifically for achieving higher cut resistance. Since then our cut protection gloves have come a long way. High Performance Polyethylene (HPPE) fibers first featured in **SHOWA 541** offers good cut resistance. Liners with integrated fibers such as the Kevlar® liner in **KV300** offers even better cut protection.

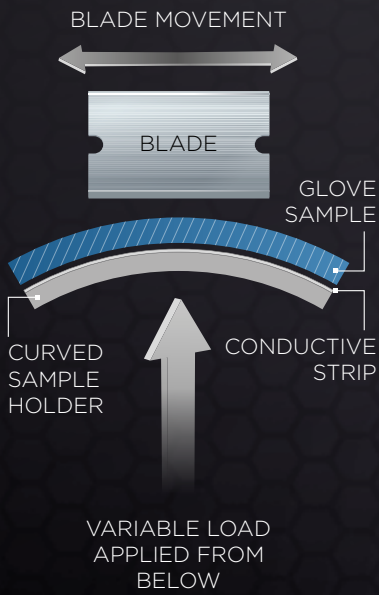
Development of new cut-resistant technology follows increasing demand for higher cut-resistant protection in work processes. While measuring the levels of cut resistance of different materials in the mesh of the glove, it became evident to our researchers that integration of stainless steel in liners could offer exceptional protection. The research led to development of the **S-TEX KV3**. The Hagane Coil® engineered liner was born.



- 1 Polyester / Nylon
- 2 Stainless steel
- 3 Attending yarn (depending on glove)

## STEEL PROTECTION

With Hagane Coil® technology we are able to provide high levels of cut resistance without sacrificing comfort. Hagane Coil® utilizes a unique coiling technique that binds an attending yarn to a stainless steel core. The integrated steel core provides better protection than any natural or synthetic fibers, yet it is thin enough to allow flexibility and free movement as the hand bends and flexes. By utilizing different composite yarns we can create a different wearing experience. Soft yarns and stainless steel combinations offer more comfort and dexterity, while hard yarns and stainless steel offer superior protection and durability. It is a combination that offers maximum protection, comfort and performance.



The revised EN 388:2016 standard for protective equipment against mechanical risks includes the international test method ISO 13997. This test method is widely used in the textile industry in order to gain a better understanding of the levels of protection. A glove sample is tested against a blade at a variable load in a TDM (Tomo Dynamo Meter) machine. The cut resistance is expressed as the cutting force at breakthrough in newtons (N)

At SHOWA, for gloves with high levels of protection we have already been using ISO 13997 as a compulsory test to show our customer a detailed and realistic view of the glove's cut protection performance.



## S-TEX SERIES p.58-63

To provide better individual protection against cuts, SHOWA has engineered several liners with Hagane Coil®. This has led to the forming of S-TEX Series, a line that features the best cut resistant gloves that we have to offer.



SHOWA  
**S-TEX  
303**

Hagane Coil® / Natural Latex  
**ISO 13 997: F (35 newtons)**  
ANSI Cut Level A8



SHOWA  
**S-TEX  
581**

Hagane Coil® / Microporous foam Nitrile  
**ISO 13 997: E (29 newtons)**  
ANSI Cut Level A5



SHOWA  
**S-TEX  
300**

Hagane Coil® / Natural Latex  
**ISO 13 997: D (20 newtons)**  
ANSI Cut Level A4



SHOWA  
**S-TEX  
377**

Hagane Coil® / Foam nitrile over nitrile  
**ISO 13 997: D (19 newtons)**  
ANSI Cut Level A4



SHOWA  
**S-TEX  
376**

Hagane Coil® / Foam nitrile over nitrile  
**ISO 13 997: D (19 newtons)**  
ANSI Cut Level A4



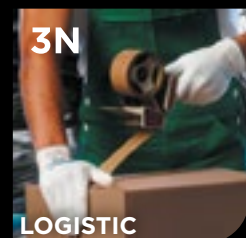
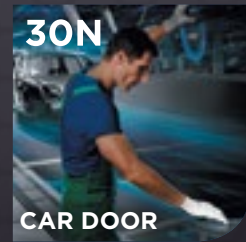
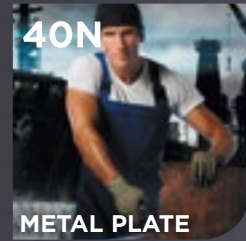
SHOWA  
**S-TEX  
350**

Hagane Coil® / Nitrile  
**ISO 13 997: D (17.5 newtons)**  
ANSI Cut Level A4



SHOWA  
**S-TEX  
541**

Hagane Coil® / Polyurethane  
**ISO 13 997: D (18.7 newtons)**  
ANSI Cut Level A4



# [ DURACOIL® ]

THE REVISION OF THE PPE REGULATIONS IN 2016 RESULTED IN A MARKET-WIDE DOWNGRADE IN EN 388 AND ANSI 105 CUT LEVEL SCORES FOR RE-CERTIFIED PRODUCTS. ACROSS THE BOARD, GENERAL-PURPOSE GLOVES FOR MEDIUM-LOW RISKS DECREASED FROM CUT LEVEL 5-C/A3 TO 5-B/A2 AND UNDER.

CUT  
RESISTANT  
C/A3



Modern day users have access to enough information on the norm changes to take better responsibility for their cut protection needs. This created an increase in demand for more versatile solutions designed to meet safety and comfort requirements, at a lower price. On the other hand, research shows that many users still wear general purpose gloves with low cut resistance levels - the former EN 388 and ANSI cut 5 being B/ A2. This increases the risks of injuries and jeopardizes workers' safety; ultimately a "lose-lose" situation for the industry.

At SHOWA, we saw these changes as an opportunity to seriously evaluate our product offerings and asked ourselves: **Do our customers really want the cheapest hand-protection solution, or the best value for money?**

**We believe the answer is value for money, so our R&D team developed our latest SHOWA technology, DURACOIL® - a cut resistant liner that increases the cut protection of multi-purpose gloves without compromising on comfort.**

DURACOIL® is comprised of two words:

▶ **DURABLE** = the gloves are designed for maximum comfort, to be worn for extended periods of time

▶ **COIL** = the wrapping technique where fibers are coiled over the others in layers





## HOW DOES IT WORK?

The DURACoil® liner is engineered by tightly wrapping multifilament polyester around a cut resistant fiber, then reinforcing it with High-Performance Polyethylene (HPPE). The technique is very important to user comfort; if not done correctly, the fibers will irritate the skin. This therefore creates a premium lightweight yarn that offers comfort, durability, and increased cut protection.



- 1 DURACoil®
- 2 HPPE

## WHAT IS MULTIFILAMENT YARN?

A high tenacity yarn that consists of many ultra-fine strands or filaments, wound together in an untwisted or unknotted way. These are smoother to touch, ultra-light and used for sturdy products, such as airbags, mooring lines for ships, and the strings of tennis rackets. Typical multifilament examples are Microfiber and Nanofiber.



## IMAGINE ALL YOU CAN DO WITH A CONSOLIDATED CUT SERIES

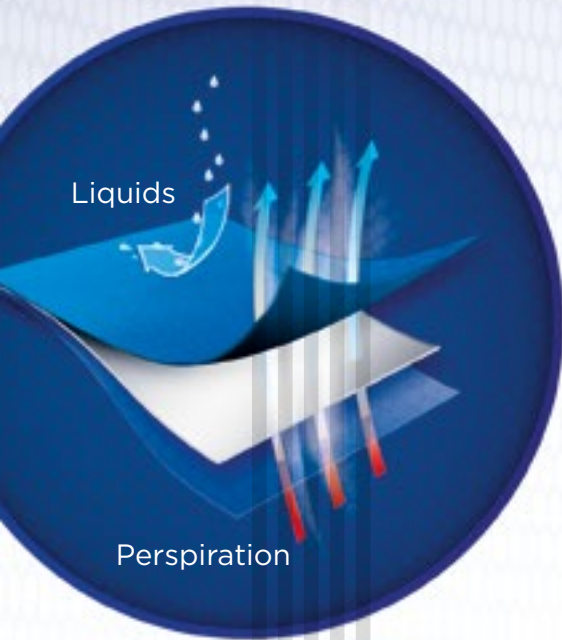
SHOWA responds to market demands for a one-stop shop solution with a complete series of seven Cut C/A3 glove models, with SHOWA quality and service at a nominal price.

The new DURACoil® glove series caters to a wide range of needs and applications, offering a versatile new range that consolidates your glove inventory for optimized productivity and reduced costs.

By combining the fit, dexterity, and grip needed for multipurpose applications with the upgraded DURACoil® cut-resistant liner, we ensure safe, dry, and comfortable hands. Whether performing tasks in dry, greasy, oily, or wet environments, there are no more excuses to not wear gloves.

	Non-Abrasive	Lacerations & Snags	Durability & Tactility	Grip Handling Performance	Wet & Oil Grip Comfort		
	Dry and non-abrasive environments, composite handling	Assembling sharp metal parts and components	Handling parts and assembly in dry environments	General maintenance and logistics	Handling parts and assembly in humid environments	Assembling and handling sharp-edged objects and parts in light greasy and oily environments	Assembling and handling sharp-edged objects and parts in heavy oily environments
<b>546X</b> Uncoated							
<b>546</b> Polyurethane							
<b>546W</b> White reinforced polyurethane							
<b>346</b> Natural latex							
<b>386</b> Microporous nitrile							
<b>576</b> 3/4 nitrile, extra foam nitrile							
<b>577</b> Fully dipped nitrile, extra foam nitrile							

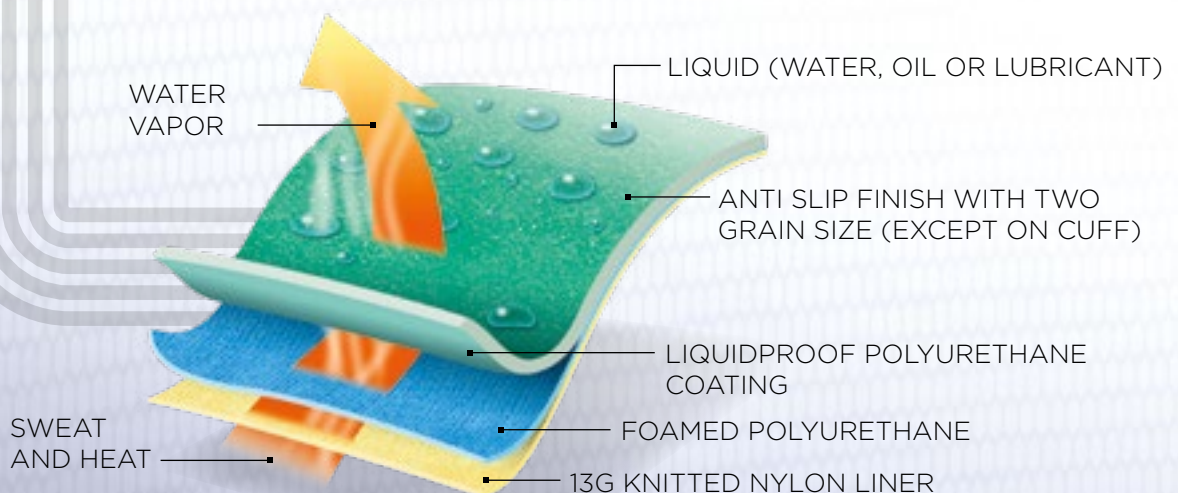
# [ TEMRES® ]



**TEMRES® TECHNOLOGY ENABLES OUR GLOVES TO BE BREATHABLE AND WATERPROOF, A COMBINATION OF THE APPARENTLY OPPOSING BUT IMPORTANT FEATURES OFFERED IN A SINGLE GLOVE.**

The idea behind TEMRES® came from a challenge faced by Japanese workers who wanted to keep their hands free from sweat while working in wet environments. For many workers in the Japanese fishing industry for example, it was difficult to keep dry hands while at the same time working in wet and oily conditions. However, it is even more difficult to achieve good breathability in fully coated gloves while maintaining oil or water resistance.

As a specialist glove manufacturer, SHOWA took on this challenge, and developed the first TEMRES® 280 glove 19 years ago. The name TEMRES® comes from a combination of the Japanese words **Te**, which means “hand” and **Murezu**, meaning “no humidity”. TEMRES® glove was revolutionary at the time of its launch and its uniqueness and benefits have gradually become recognized in the market. Over the years we have perfected the technology and in 2005 the new TEMRES® 281 was launched. It features added an anti-slip grip and a design for easier donning and doffing.





## HOW DOES IT WORK?

The concept in TEMRES® technology comes from differences in physical properties of liquid water and water vapor. Physical properties of water in liquid state, such as cohesion and lower molecular energy, means that water droplets typically range in size between 100 µm to 3,000 µm. On the other hand, the higher energy of water molecules in vapor means they are excited and moving freely. The size of a water molecule is about 0.0003 µm. Our engineers used this significant size difference to create two main membranes in the glove that enable the TEMRES® effect: one for its breathability and one for water resistance.

Concretely, one membrane is made from porous foamed polyurethane, helping moisture come out easily and allowing the hand to dry promptly. The other one is the outermost layer made from hydrophilic polymer, which is permeable to moisture but not to water. The difference in concentration of water molecules and temperature leads to water vapor transfer from inside the glove to outside. This is the essential mechanism applied to TEMRES® gloves. The breathability allows hands to stay dry. At the same time its waterproof property still protects the hands from water and liquids.



## TEMRES® family

We are planning on expanding the TEMRES® series and applying and bringing the benefits of this technology to other applications, keeping our users hands dry.



SHOWA  
**TEMRES®**  
**281**  
p.33



SHOWA  
**TEMRES®**  
**282**  
WINTER VERSION  
p.92

# MICROFIBER

## SAY GOODBYE TO SWEATY HANDS

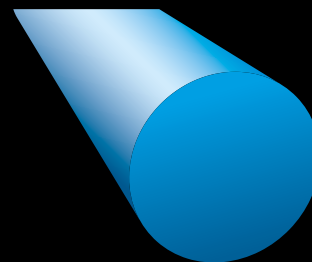
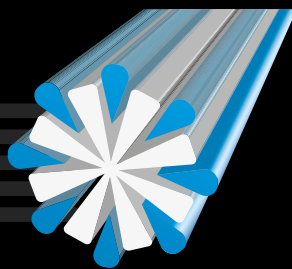
AT SHOWA WE BELIEVE THAT COMFORT IS AS IMPORTANT AS THE PROTECTION, WHICH IS WHY WE REDUCED THE WEIGHT AND IMPROVED THE EFFICIENCY FOR OUR NEW MODEL. IN ORDER TO OFFER THIS PREMIUM COMBINATION, WE ENGINEERED A MICROFIBER FABRIC.

### WHAT IS MICROFIBER?

Microfiber is synthetic fabric with very small fibers or threads. The diameter of microfiber is about 20 times smaller than a human hair. The most common types of microfibers are made from polyesters, polyamides or a combination of polyester, polyamide and polypropylene.

Microfiber is used to make mats, knits, and weaves for apparel, upholstery, industrial filters, and cleaning products. The shape, size, and combinations of synthetic fibers are selected for specific characteristics, including softness, toughness, absorption, water repellency, electrostatics and filtering capabilities.

MICROFIBER



COTTON  
FIBER

### MICROFIBER FACTS:



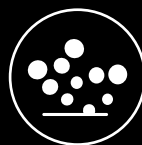
Breathable  
fabric



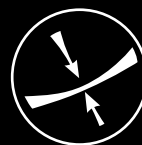
Comfort is  
similar to natural  
fibers and soft



Enhanced  
durability



Easily  
maintained  
and cleaned



Retains  
original  
shape



High performance  
moisture wicking  
ability



Lightweight

On the whole, microfibers are high performance and low maintenance fabrics.

Microfiber fabric is widely used in the clothing industry because of its absorption property. Athletes often use microfiber clothing, such as cycling jerseys, to improve their performances during competitions, as it provides a high capacity to absorb sweat while avoiding irritation.



## HOW DOES IT WORK?



First, the microporous nitrile coating in 381 grants exceptional grip while allowing warm air and moisture from inside to escape, thus maintaining your dry hands.

Secondly, the microfiber liner absorbs perspiration and moisture quickly. Due to cohesive properties of water, the water molecules are pulled along the thin fibers of the microfiber material. The large surface area created by numerous fibers allows microfiber materials to hold over 6 times their weight in liquid. At the same time the larger surface area and heat from the hand trigger faster evaporation, where drying time is 20% shorter than our standard glove. This results in cooler and dryer hands.

## TAKE COMFORT AND PROTECTION TO THE NEXT LEVEL

Professionals need optimized grip and maximum comfort when performing tasks that require extended wear and durability while keeping hands dry and cool at the same time. For workers who move between tasks from general handling to intricate assembly, requiring high abrasion performance, dexterity, finger sensitivity and comfort, SHOWA 381 and 382 are the ideal multipurpose solutions. They are the lightest SHOWA microporous nitrile coated gloves supported by a microfiber liner with an abrasion resistance of level 4. Only fibers smaller than 1 denier can be called microfibers. The microfiber is 0.52 denier thick and the gloves weigh only 19 grams each. Their comfort is further enhanced as breathability and moisture evaporation has increased by 20% compared to our standard offering.



SHOWA  
**381**  
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SHOWA  
**382**  
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[NEW!]

SILICONE FREE



# BREATHEX FOAM

FOR THE ULTIMATE OUTDOOR  
COMPANION

**INNOVATION MAKES SENSE WHEN IT ACTUALLY CONTRIBUTES  
TO SOMETHING USEFUL.**

We discovered that the majority of workers use latex palm coated gloves for construction, logistics and general handling - outdoor work environments where they are exposed to changeable weather conditions all year round. In fact, companies were either purchasing 2 different types of gloves or workers were using the wrong gloves for the 2 seasons.

**SO WE SAID: DRY, WET, WARM, COLD...**

**WHY DO WE ALWAYS HAVE TO CHOOSE?**

During dry and hot temperatures, wearing gloves causes hands to sweat and creates perspiration inside the glove. In cold and wet seasons, users wear fully coated gloves to keep hands clean, dry and warm. This means shifting gloves depending on climate and outdoor conditions. Users were wearing 2 different types of glove for the same purpose, resulting in double purchases, the wrong glove for each season, or both.

Based on these findings, **SHOWA designed the ultimate outdoor companion SHOWA 306 using BREATHEX FOAM TECHNOLOGY - a revolutionary dual latex coating technology that allows the glove to be both BREATHABLE and LIQUID RESISTANT.** The combination of full foam latex doubled with latex coating on the palm is the only alternative solution for workers to be protected with one glove. SHOWA 306 provides premium grip and dexterity with breathability in dry or wet environments, whatever the outdoor conditions are.



## HOW DOES IT WORK?

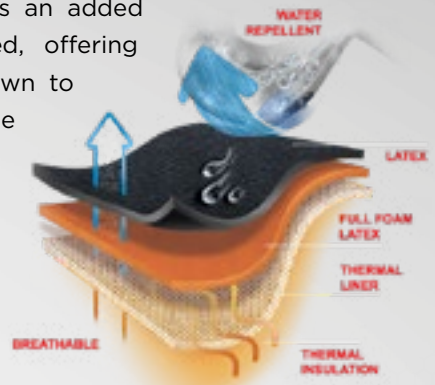
- 1** Aerated latex foam covers 13 gauge liner to allow warm air to escape, so your hands can breathe and perspiration is reduced
- 2** Full foam latex coating is impermeable, protecting from liquid penetrating the glove and therefore keeping your hands dry
- 3** Extra latex coating on palm and fingers provides excellent grip and dexterity.





## THE ULTIMATE WINTER COMPANION

After the success of SHOWA 306, we took all the great features of this glove and built upon them to create **SHOWA 406**. The new 406 has an added inner liner that is loop knitted, offering additional thermal insulation down to  $-30^{\circ}\text{C}$  and a soft texture to the skin. For general handling in cold environment that requires abrasion, liquid, cold and wind resistance, SHOWA 406 is your ultimate companion.



## BENEFITS

**Benefits: one solution for all purposes, whatever the outdoor conditions are:**

- 1 Aerated latex foam for breathability and reduced perspiration
- 2 Impermeability protects from liquid penetration
- 3 Latex coating offers a high level of grip and abrasion resistance
- 4 Soft comfort and premium fit thanks to SHOWA's hand shape technology
- 5 High level of flexibility due to engineered coating
- 6 Ergonomic design hand mold that replicates the natural curvature of human hand and so reduces hand fatigue

## RECOMMENDED APPLICATIONS



Construction, Logistics & warehousing, Assembly, Agriculture, Gardening, DIY, Refrigeration (406)



**SHOWA 306**  
General purpose  
p. 27



**SHOWA 406**  
Cold protection  
p. 93





# GENERAL PURPOSE

To protect the hand from common mechanical or chemical hazards while preserving its mobility: we made our name by providing the very best in all-round, multi-purpose hand protection. Whether the job calls for small parts handling, general maintenance or heavy lifting and contractor work, we have the best glove for the job.

- 20. Nitrile
- 26. Natural Latex
- 31. PVC
- 32. Polyurethane







# NITRILE



## SHOWA ATLAS 370B

Palm nitrile coating over black nylon liner

### BENEFITS: Optimal dexterity

- Ultra-light weight, elastic low-lint glove, resistant to deformation
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Low-soil color
- Thin nitrile coating provides flexibility and tactility while offering premium abrasion resistance
- Excellent level of dexterity and tactility
- Breathable back of hand to reduce perspiration
- Designed for easy movement and extended wear
- Seamless knit designed to prevent irritation

### APPLICATIONS:

Agriculture  
Horticulture  
Construction

### FEATURES

**LINER:** Seamless knit nylon  
**COATING:** Nitrile  
**GRIP:** Smooth  
 ✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
370B	6/S
370B	7/M
370B	8/L
370B	9/XL
370B	10/XXL



## SHOWA ATLAS 370W

Palm nitrile coating over white nylon liner

### APPLICATIONS:

Agriculture  
Horticulture  
Construction

### FEATURES

**LINER:** Seamless knit nylon  
**COATING:** Nitrile  
**GRIP:** Smooth  
 ✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
370W	6/S
370W	7/M
370W	8/L
370W	9/XL



## SHOWA 376

¾ dipped with extra foam nitrile coating on palm over polyester/nylon liner

### BENEFITS: Engineered grip technology platform for applications exposed to oils, greases & lubricants

- A flexible and robust glove that absorbs perspiration to increase comfort
- Foam nitrile protects the hand from oils, hydrocarbons and grease penetration
- Designed for optimal long lasting grip in oil and grease
- Advanced dual coating provides flexibility and tactility while offering abrasion resistance
- Excellent level of dexterity and tactility
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation
- No latex allergy risks

### APPLICATIONS:

Automotive      Public works  
Construction    Roofing  
Masonry          Petrochemical

### FEATURES

**LINER:** 13 gauge seamless knit polyester/nylon  
**COATING:** Nitrile/nitrile foam  
**GRIP:** Foam  
 ✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
376	6/S
376	7/M
376	8/L
376	9/XL
376	10/XXL





SHOWA  
**377**

Fully dipped with extra nitrile foam coating over polyester/cotton liner

**BENEFITS:**

- Superior foam over-dip ensures excellent grip even in oily applications
- Liquid resistant to end of coated area
- Warmth, protection and comfort
- Thin nitrile coating offers splash protection against wide range of chemical substances

**APPLICATIONS:**

Construction	Automotive
Painting - Decorating	Oil platforms
Ship maintenance	Cementing

**FEATURES**

**LINER:** 13 gauge seamless knit polyester/nylon

**COATING:** Nitrile/nitrile foam

**GRIP:** Foam

✚ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
377	6/S
377	7/M
377	8/L
377	9/XL
377	10/XXL



SHOWA ATLAS  
**350**

Palm nitrile coating over polyester/cotton liner

**BENEFITS: High mechanical resistance**

- A flexible and robust glove that absorbs perspiration to increase comfort
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Thin nitrile coating provides flexibility and tactility while offering premium abrasion resistance
- Excellent level of dexterity and tactility
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation
- No latex allergy risks

**APPLICATIONS:**

Agriculture	Laboring
Food	Warehousing
Automotive	Metallurgy
Construction	Transport

**FEATURES**

**LINER:** 10 gauge seamless knit polyester/cotton

**COATING:** Nitrile

**GRIP:** Rough

✚ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
350	7/S
350	8/M
350	9/L
350	10/XL



SHOWA  
**4000/P**

Fully coated or palm coated nitrile on cotton interlock liner

**BENEFITS:**

- Good dry grip
- Nitrile-coated for maximum wear
- Excellent puncture and abrasion resistance
- Knit wrist for easy donning

**APPLICATIONS:**

Assembly  
Inspection  
Shipping/Receiving  
Light fabrication  
Material Handling

**FEATURES**

**LINER:** Cotton interlock

**COATING:** Nitrile

**GRIP:** Smooth

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
4000	8/S
4000	9/M
4000	10/L
4000P	8/S
4000P	9/M
4000P	10/L



# NITRILE



## SHOWA 4500

Flat dipped Nitrile on seamless nylon liner  
Knit wrist

### BENEFITS:

- Breathable, ventilated back
- Good dry grip
- Abrasion resistant
- Machine washable

### APPLICATIONS:

Mechanical and engineering  
Automotive repairs and maintenance  
Intricate parts handling  
Component Assembly

### FEATURES

**LINER:** Flat dipped Nitrile seamless nylon liner

**COATING:** Nitrile

**GRIP:** Smooth

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
4500	6/XS
4500	7/S
4500	8/M
4500	9/L
4500	10/XL



## SHOWA 380

Microporous nitrile coating on palm over nylon liner

### BENEFITS: Designed for dexterity in oily environment

- Ultra-light weight, elastic low-lint glove
- Protects the hand from oils, hydrocarbons and grease penetration
- Embossed palm finish pushes oils away to increase grip
- Optimal long lasting grip in dry and light oil
- Low-soil color
- Excellent level of dexterity and tactility
- Breathable back of hand to reduce perspiration
- Seamless knit designed to prevent irritation
- No latex allergy risks

### APPLICATIONS:

Construction  
Mechanical  
Maritime sector  
Automotive  
Interior Finishing & Repair

### FEATURES

**LINER:** 13 gauge seamless knit nylon

**COATING:** Microporous foam nitrile

**GRIP:** Embossed

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
380	6/S
380	7/M
380	8/L
380	9/XL



[NEW!]

SILICONE FREE

## SHOWA 382

Microporous nitrile coating over engineered microfiber liner, silicone-free

### BENEFITS: Ultra-lightweight for silicone-sensitive, dry and oily environments

- Embossed nitrile palm finish disperses oil for increased grip and longevity in light oily environments
- No transfer of silicone contaminations from the gloves to metal parts prior to painting
- No fingerprints left on glass or metal parts
- Microfiber properties boost vapour permeation and enhance breathability for drier, sweat-free hands
- The 0.84mm finger thickness provides an excellent level of tactility and sensitivity
- Ultra-lightweight and supple with a form-fitting, seamless knit design
- No latex allergy risks

### APPLICATIONS:

Aerospace  
Airports & Ports  
Automotive  
Glass  
Mechanical  
Packaging  
Warehousing

### FEATURES

**LINER:** 13 gauge seamless knit engineered microfiber liner

**COATING:** Microporous nitrile

**GRIP:** Embossed

✦ Silicone-free and latex-free

**PACKAGING:** Individually packaged. 12 pair per polybag. 12 dozen per case.

REF.	SIZE
382	6/S
382	7/M
382	8/L
382	9/XL
382	10/XXL





# SHOWA 381

Microporous nitrile coating  
over engineered microfiber liner



### BENEFITS:

- Abrasion resistance lasts twice as long as SHOWA 380 (8000 cycles vs 4000)
- Embossed nitrile palm finish disperses oil for increased grip and longevity in light oily environments
- The 0.84mm finger thickness provides an excellent level of tactility and sensitivity
- Microfiber properties boost vapor permeation and enhances breathability for drier, sweat-free hands
- Exceptional suppleness, ultra-comfort and hand fitting thanks to the combination of microfiber and spandex
- A flexible glove designed for easy movement and extended wear
- Seamless knit designed to prevent irritation
- Low lint with microfiber
- No latex allergy risks

### APPLICATIONS:

- Transport
- Mechanical
- Logistics
- Construction
- Automotive

### FEATURES

- LINER:** 13 gauge seamless knit engineered microfiber
- COATING:** Microporous nitrile
- GRIP:** Embossed
- +**: Ergonomic design hand mold that replicates the natural curves
- PACKAGING:** 12 pair per polybag, 12 dozen per case

REF.	SIZE
381	6/S
381	7/M
381	8/L
381	9/XL
381	10/XXL

### ENHANCED BREATHABILITY +

BOOST VAPOR PERMEATION



### INCREASED GRIP

DISPERSES LIQUID AWAY



GENERAL PURPOSE | IMPACT | CUT | CHEMICAL | INSULATED | SINGLE USE



# NITRILE



## SHOWA 2790

Fully-laminated nitrile on Cotton-poly liner

### BENEFITS:

- Gunn-cut, wing-thumb construction with a shirred back to keep out particulate matter
- Color coded for easy size identification and pairing after laundering
- Cotton back for breathable comfort
- Consistent high-quality lamination that tightly fuses all nitrile to a blended polycotton base fabric for greater wear and value

### APPLICATIONS:

Component Assembly  
Shipping/Receiving  
Driving Machines

### FEATURES

**LINER:** Fully-laminated nitrile cotton-poly liner

**COATING:** Laminated Nitrile

**GRIP:** Rough

**PACKAGING:** 12 pair per polybag.  
12 dozen per case.

REF.	SIZE
2790	8/M
2790	9/L
2790	10/XL



## SHOWA 7000P/PR

Nitrile palm coating over cotton jersey liner with Knit wrist

### BENEFITS:

- Exclusive coating provides superior cut, puncture, snag and abrasion resistance
- Rough grip provides good wet grip and added wear
- Oil resistant
- Coating prevents oil dripping through while protecting the entire hand against rough and abrasive materials

### APPLICATIONS:

Handling heavy equipment  
Component Assembly  
Public utility  
Washing & cleaning

### FEATURES

**LINER:** Cotton jersey liner

**COATING:** Nitrile

**GRIP:** Smooth/Rough

**PACKAGING:** 12 pair per polybag.  
6 dozen per case.

REF.	SIZE
7000P	8/S
7000P	9/M
7000P	10/L

7000PR 10/L

R=Rough



## SHOWA 7000/R

Full nitrile coating over cotton jersey liner with knit wrist

### BENEFITS:

- Provides a good mechanical resistance
- Nitrile protects the hand from oils and abrasion while retaining good touch
- Impermeable for working in damp or greasy environments
- Low-soil color
- Wrist well protected
- A flexible glove that absorbs perspiration to increase comfort

### APPLICATIONS:

Agriculture	Logistics
Automotive	Metallurgy
Construction	Petrochemical
Roofing	Public sector
Public utility	
Washing & cleaning	

### FEATURES

**LINER:** Cut and sewn cotton jersey

**COATING:** Nitrile

**GRIP:** Smooth/Rough

**PACKAGING:** 12 pair per polybag.  
6 dozen per case.

REF.	SIZE
7000	8/S
7000	9/M
7000	10/L

7000R 8/S

7000R 9/M

7000R 10/L



SHOWA  
**7066/R**

¾ nitrile coating over cotton jersey liner with reinforced safety cuff

**BENEFITS:**

- A flexible glove that absorbs perspiration to increase comfort
- Material provides a good mechanical resistance
- Nitrile protects the hand from oils and abrasion while retaining good touch
- Impermeable for working in damp or greasy environments
- Low-soil color
- Breathable back of hand to reduce perspiration
- Extended safety cuff for a wrist well protected

**APPLICATIONS:**

Agriculture	Distribution
Automotive	Oil platforms
Construction	Greasy area
Transport	

**FEATURES**

**LINER:** Cut and sewn cotton jersey

**COATING:** Nitrile

**GRIP:** Smooth/Rough

**PACKAGING:** 12 pair per polybag.  
6 dozen per case.

REF.	SIZE
7066	8/S
7066	9/M
7066	10/L
7066R	8/S
7066R	9/M
7066R	10/L



SHOWA  
**7166/R**

Full nitrile coating over cotton jersey liner with reinforced safety cuff

**BENEFITS:**

- A flexible glove that absorbs perspiration to increase comfort
- Provides a good mechanical resistance
- Nitrile protects the hand from oils and abrasion while retaining good touch
- Impermeable for working in damp or greasy environments
- Low-soil color
- Extended safety cuff for a wrist well protected

**APPLICATIONS:**

Agriculture	Transport
Automotive	Distribution
Construction	Oil platforms
Public works	

**FEATURES**

**LINER:** Cut and sewn cotton jersey

**COATING:** Nitrile

**GRIP:** Smooth/Rough

**PACKAGING:** 12 pair per polybag.  
6 dozen per case.

REF.	SIZE
7166	9/M
7166	10/L
7166R	9/M
7166R	10/L

R=Rough



SHOWA  
**7199NCR**

Full nitrile coating with nitrile reinforced gauntlet over cotton jersey liner

**BENEFITS: Heavy duty protection**

- A flexible glove that absorbs perspiration to increase comfort
- Provides a good mechanical resistance
- Full nitrile coating protects the hand from oils and abrasion while retaining good touch
- Impermeable for working in damp or greasy environments
- Low-soil color
- Extended gauntlet for a wrist well protected

**APPLICATIONS:**

Agriculture	Metallurgy
Automotive	Petrochemical
Glass	Public sector
Logistics	

**FEATURES**

**LINER:** Cut and sewn cotton jersey

**COATING:** Nitrile

**GRIP:** Smooth/Rough

**PACKAGING:** 12 pair per polybag.  
6 dozen per case.

REF.	SIZE
7199NC	10/L
7199NCR	10/L





# NATURAL LATEX



SHOWA ATLAS

## 300

Natural Latex palm coating over polyester/cotton liner

**BENEFITS: High finish multipurpose glove**

- A flexible and robust glove with good resistance to tearing
- Latex coating protects the hand in damp environments and against detergents or alcohols
- Natural Latex properties offer strong grip performance
- Excellent level of dexterity and tactility
- Designed for easy movement and continuous wear
- Breathable back reduces perspiration
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Public sector  
Automotive  
Mechanical  
Logistics  
Landscaping

**FEATURES**

**LINER:** 10 gauge seamless knit  
**COATING:** Natural Latex  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curvature  
**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
300	7/S
300	8/M
300	9/L
300	10/XL
300	11/XXL



SHOWA ATLAS

## 300B

Natural Latex palm coating over polyester/cotton liner

**APPLICATIONS:**

Public sector  
Logistics  
Metallurgy  
Distribution  
Masonry

**FEATURES**

**LINER:** 10 gauge seamless knit polyester/cotton  
**COATING:** Natural Latex  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curvature  
**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
300B	7/S
300B	8/M
300B	9/L
300B	10/XL



SHOWA ATLAS

## 305

¾ Natural Latex coating over polyester/cotton liner

**BENEFITS: Reinforced coating on knuckles**

- A flexible glove that absorbs perspiration to increase comfort
- Latex coating provides good mechanical resistance
- Protects the hand in damp environments and against aggressive detergents
- Coated knuckles for extended protection on the back of the hand
- Excellent level of dexterity and tactility
- Designed for easy movement and extended wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Construction  
Laboring  
Public sector  
Gardening

**FEATURES**

**LINER:** 10 gauge seamless knit polyester/cotton  
**COATING:** Natural Latex  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curvature  
**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
305	7/S
305	8/M
305	9/L
305	10/XL



# SHOWA 306

Full foam Natural Latex coating doubled with Natural Latex on palm over nylon/polyester liner

### BENEFITS: One solution for all purposes, whatever the outdoor conditions are

- 1 Aerated latex foam for breathability and reduced perspiration
- 2 Impermeability protects from liquid penetration
- 3 Latex coating offer high level of grip and abrasion resistance
- 4 Soft comfort and premium fit thanks to SHOWA ergonomic design
- 5 High level of flexibility through engineered coating
- 6 Ergonomic design that replicates the natural curvature of the human hand, reducing hand fatigue

### APPLICATIONS:

Construction  
Agriculture  
Logistics  
Exterior works  
Warehousing

### FEATURES

**LINER:** 13 gauge seamless knit nylon/polyester  
**COATING:** Foam Natural Latex  
**GRIP:** Rough  
**PACKAGING:** Individually packaged. 12 pair per polybag. 12 dozen per case.

REF.	SIZE
306	6/S
306	7/M
306	8/L
306	9/XL
306	10/XXL



**+ WINTER VERSION:**  
**SHOWA 406** - p.93  
Double latex coating





# NATURAL LATEX



67NFW



65NFW



64NFW



99NFWPCP



99NFW



66NFW



66NF



63PNFW

The industry's first wrinkle-finished, heavy-duty, Natural Latex-coated glove. This family of gloves provides the perfect combination of tactical grip and superior efficacy, making them a must-have for every worker's toolbox. Available in a variety of styles, lengths and finishes for a wide range of jobs.

#### KEY BENEFITS

- + Improved coating for enhanced grip
- + Breathable knit & coating
- + Superior flexibility & softness
- + 21 CFR / FDA compliant for direct food contact



SHOWA  
**67NFW**

Full coating, 14-inch gauntlet

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> Yellow

**PACKAGING**

9/M 10/L 11/XL

3 dozen pair per case

SHOWA  
**63NFW**

Full coating, knit wrist

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> Yellow

**PACKAGING**

10/L

6 dozen pair per case

SHOWA  
**66NF**

Palm coating, safety cuff

<b>COATING</b> Natural Latex	<b>GRIP</b> Smooth
<b>LINER</b> Cotton	<b>COLOR</b> White/yellow palm

**PACKAGING**

10/L

6 dozen pair per case

SHOWA  
**65NFW**

Full coating, 12-inch gauntlet

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> Yellow

**PACKAGING**

9/M 10/L 11/XL

3 dozen pair per case

SHOWA  
**99NFWPCP**

Palm coating, reinforced palm patch, 4" safety cuff

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> White/yellow palm

**PACKAGING**

9/M 10/L 11/XL

6 dozen pair per case

SHOWA  
**66NFW/L66NFW\***

Palm coating, safety cuff

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> White/yellow palm

**PACKAGING**

8/s 10/L

6 dozen pair per case

SHOWA  
**64NFW**

Full coating, 10-inch gauntlet

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> Yellow

**PACKAGING**

10/L

3 dozen pair per case

SHOWA  
**99NFW**

Palm coating, 4" safety cuff

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> White/yellow palm

**PACKAGING**

10/L

6 dozen pair per case

SHOWA  
**63PNFW/L63PNFW\***

Palm coating, knit wrist

<b>COATING</b> Natural Latex	<b>GRIP</b> Rough
<b>LINER</b> Cotton	<b>COLOR</b> White/yellow palm

**PACKAGING**

8/s 10/L

6 dozen pair per case

\* The letter "L" preceding a product number indicates the gloves have been designed for smaller hands. L66NFW & L63PNFW are size 8/S.



# NATURAL LATEX



SHOWA ATLAS

## 317

Natural Latex palm coating over polyester liner

**BENEFITS: High visibility glove**

- Natural Latex coating provides good mechanical resistance
- Protects the hand in damp environments and against aggressive detergents or alcohols
- Increased safety in poor lighting conditions
- Phosphorescent marking after light-storage
- Excellent level of dexterity and tactility
- Designed for easy movement and extended wear
- Breathable back reduces perspiration
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Agriculture	Public sector
Automotive	Distribution
Construction	Transport
Laboring	Metallurgy

**FEATURES**

**LINER:** 10 gauge seamless knit polyester

**COATING:** Natural Latex

**GRIP:** Rough

✚ Ergonomic design hand mold that replicates the natural curvature

**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
317	7/S
317	8/M
317	9/L
317	10/XL



SHOWA ATLAS

## 330

Natural Latex palm coating over polyester/cotton liner with reinforced coating at thumb crotch

**BENEFITS: Designed for scaffoldings and metal tube handling**

- Natural Latex coating protects the hand in damp environments and against aggressive detergents or alcohols
- Reinforced coating at thumb offer more resistance and durability
- Low-soil color
- Excellent level of dexterity and tactility
- A flexible glove that absorbs perspiration to increase comfort
- Seamless knit designed to prevent irritation
- Designed for easy movement and extended wear

**APPLICATIONS:**

Scaffolding	Logistics
Agriculture	Metallurgy
Automotive	Public sector
Construction	

**FEATURES**

**LINER:** 10 gauge seamless knit polyester/cotton

**COATING:** Natural Latex

**GRIP:** Rough

✚ Ergonomic design hand mold that replicates the natural curvature

**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
330	7/S
330	8/M
330	9/L
330	10/XL



SHOWA ATLAS

## 341

Natural Latex palm coating over grey nylon/polyester liner

**BENEFITS: Engineered waterproof latex palm coating**

- Technology improvement on existing Grip series coating
- High level of flexibility and softness due to advanced grip technology
- Excellent level of dexterity and tactility
- Breathable back hand to reduce perspiration
- Soft liner for greater comfort
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Agriculture
Logistics
Construction
Interior Finishing & Repair
Transport

**FEATURES**

**LINER:** 13 gauge seamless knit nylon/polyester

**COATING:** Natural Latex

**GRIP:** Rough

✚ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
341	6/S
341	7/M
341	8/L
341	9/XL

# PVC



SHOWA  
**960/961**

Full PVC coating, with a seamless cotton liner

**BENEFITS:**

- Full hand protection
- PVC outwears and replaces leather
- Minimizes absorption of water, oil and grease

**APPLICATIONS:**

Agriculture  
Viticulture  
Garden work  
Waste collector

**FEATURES**

**LINER:** 960 - Seamless knit cotton / 961 - Knit wrist  
**COATING:** PVC  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
960	8/S
960	9/M
960	10/L
960	11/XL
961	8/S
961	9/M
961	10/L



SHOWA  
**962**

Full PVC coating, with a seamless cotton liner and heavy duty protection

**BENEFITS:**

- Full hand protection
- PVC outwears and replaces leather
- Minimizes absorption of water, oil and grease

**APPLICATIONS:**

Agriculture  
Viticulture  
Garden work  
Waste collector

**FEATURES**

**LINER:** Cotton Jersey  
**COATING:** PVC  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
962	8/S
962	9/M
962	10/L
962	11/XL



SHOWA ATLAS  
**600**

Full PVC coating, extra PVC coating on the entire hand over cotton liner

**BENEFITS:**

- A flexible glove that absorbs perspiration to increase comfort
- Material provides good mechanical resistance
- PVC protects the hand against chemicals while remaining flexible
- Impermeable for working in damp or greasy environments
- Rough palm finish enhances grip
- Wrist well protected
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Agriculture  
Viticulture  
Garden work  
Waste collector

**FEATURES**

**LINER:** Cotton Jersey  
**COATING:** PVC  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
600	7/S
600	8/M
600	9/L
600	10/XL





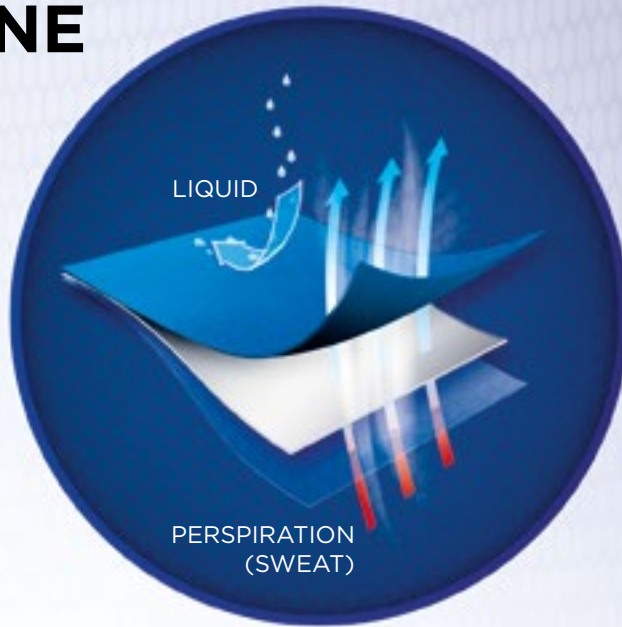


# POLYURETHANE



SHOWA

## TEMRES® 281



Fully breathable micro-ventilated polyurethane coating with micro-roughened nitrile finish on fingertips over nylon liner

**BENEFITS: The 1<sup>st</sup> innovative glove combining waterproofness and breathability**

- Membrane keeps water out of the glove, while allowing warm air and moisture from inside to escape
- Liquid proof protects hands against liquids and oils
- Fingertips finish increase protection and provide optimal grip
- Level 4 abrasion resistance
- Breathable technology keeps your hands dry
- Flexibility and tactility due to a thin coating technology
- Seamless knit designed to prevent irritation
- Minimal allergy risks

**APPLICATIONS:**

- Agriculture
- Garden work
- Automotive
- Maintenance
- Janitorial
- Maritime sector
- Tiling

**FEATURES**

**LINER:** Nylon

**COATING:** Breathable PU/nitrile

**GRIP:** Rough

✦ Premium technology offering breathability and waterproofness

✦ Ergonomic design hand mold that replicates the natural curves of human hand

**PACKAGING:** Individually polybagged. 10 pair per polybag. 5 dozen per case.

REF.	SIZE	LENGTH
281	7/S	10.8"
281	8/M	10.8"
281	9/L	10.8"
281	10/XL	10.8"
281	11/XXL	10.8"



Use your smartphone camera to activate



✦ **WINTER VERSION:**  
SHOWA TEMRES® 282 - p.92

GENERAL PURPOSE | IMPACT | CUT | CHEMICAL | INSULATED | ANTISTATIC | SINGLE USE



# POLYURETHANE



SHOWA

## B0500B

Polyurethane palm coating over black nylon liner

**BENEFITS: Thin coating for maximum dexterity**

- A light, elastic low-lint glove, resistant to deformation
- PU protects the hand from oils and abrasion while remaining elastic
- Low-soil color
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation
- No latex allergy risks

**APPLICATIONS:**

Logistics  
Automotive  
Horticulture  
Construction  
Interior Finishing & Repair

**FEATURES**

**LINER:** 13 gauge seamless knit nylon

**COATING:** Polyurethane

**GRIP:** Smooth

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** Individually packaged by pair. 12 pair per polybag. 6 dozen per case.

REF.	SIZE
B0500B	6/S
B0500B	7/M
B0500B	8/L
B0500B	9/XL
B0500B	10/XXL



SHOWA

## B0500W

Polyurethane palm coating over white nylon liner

**APPLICATIONS:**

Logistics  
Automotive  
Horticulture  
Construction  
Interior Finishing & Repair

**FEATURES**

**LINER:** 13 gauge seamless knit nylon

**COATING:** Polyurethane

**GRIP:** Smooth

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** Individually packaged. 12 pair per polybag. 6 dozen per case.

REF.	SIZE
B0500W	6/S
B0500W	7/M
B0500W	8/L
B0500W	9/XL
B0500W	10/XXL



SHOWA

## B0600

Polyurethane fingertips coating over nylon liner

**BENEFITS: Extreme dexterity**

- PU protects from oils and micro-cuts while remaining flexible
- A light, elastic low-lint glove, resistant to deformation
- No fingerprints left on handled objects
- Great freedom of movement for the wrist
- Seamless knit designed to prevent irritation
- No latex allergy risks

**APPLICATIONS:**

Automotive  
Electronic component  
White room  
Precious metal manipulation

**FEATURES**

**LINER:** 13 gauge seamless knit nylon

**COATING:** Polyurethane

**GRIP:** Smooth

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** Individually packaged by pair. 12 pair per polybag. 6 dozen per case.

REF.	SIZE
B0600	6/S
B0600	7/M
B0600	8/L
B0600	9/XL
B0600	10/XXL





SHOWA

# A0520

Polyurethane palm coating over seamless nylon liner

**BENEFITS: Extreme dexterity**

- Designed to prevent discharge of static electricity
- Seamless knit liner ensures comfort and cleanliness
- Provides the snug fit necessary to perform detailed tasks
- Surface resistivity 10E+06 - 10E+08 ohms

**APPLICATIONS:**

Intricate parts handling  
Mechanical and engineering  
Integrated circuits  
Semiconductors

**FEATURES**

**LINER:** Seamless knit nylon

**COATING:** Polyurethane

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** Individually packaged by pair. 12 pair per polybag. 6 dozen per case.

REF.	SIZE
A0520	6/S
A0520	7/M
A0520	8/L
A0520	9/XL



GENERAL PURPOSE | IMPACT | CUT | CHEMICAL | INSULATED | SINGLE USE







# HAND PROTECTION IN THE CONSTRUCTION INDUSTRY

GENERAL PURPOSE | IMPACT | CUT | CHEMICAL | INSULATED | SINGLE USE





# FACTS AND FIGURES

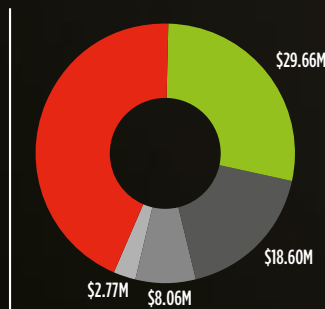
Even though official figures show there has been a drop in workplace accidents in the building trade, they are still more frequent than in other industries. Most injuries within the construction environment involve the hands and/or arms, and serious accidents or fatalities have a deep social and economic impact on everyone involved: the company, the employer and the employee.

**It is vital to prevent these from happening in the first place.**



Every year, serious and fatal injuries to workers have a devastating social and emotional impact on victims, their families, their colleagues and the company's management. It makes sense for employees to protect themselves at all times, no matter how small the risk. As we all know, it's better to be safe than sorry. Data from France is used for the graphs below; the figures are in fact similar in all main industrialized countries.

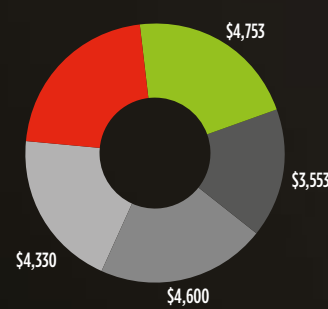
## \$46.51M



**Financial cost of workplace accidents**

(source: Carsat, France 2011)

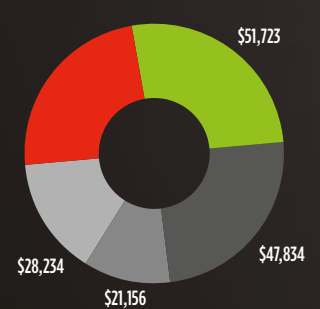
## \$4,770



**Average cost of lost-time accidents (including work-related ill health)**

(source: Carsat, France 2011)

## \$46,320



**Average cost of occupational accidents causing permanent disability (including work-related ill health)**

(source: Carsat, France 2011)

■ Building trade ■ Transport, water, gas, electricity, press, communications ■ Metallurgy  
■ Wood, paper, textiles, clothing ■ Chemicals, rubber

**On top of these facts and figures, let's not forget there may be other direct and indirect costs that are often underestimated, or even unknown.**

### Labor costs

- Working time lost by the victim and other employees
- Medical visits after the accident and first aid
- Replacing the employee, including recruitment and training

### Costs of material losses

- Damage caused to equipment, tools and work in progress
- The use of first aid medication supplies
- Administrative costs
- The time required for inquiries into the causes of the accident

### Production costs

- Time off work and loss of earnings
- Drops in productivity

### Commercial costs

- Delays in delivery with possible late delivery fines
- Downturns in the quality of work
- Deterioration of the company's image
- Increases in insurance premiums

### Other miscellaneous costs

- Fixed costs that are incurred even when there is a stoppage in work
- Transport for the victim
- Any possible legal action
- Punitive costs in the event of legal infringements
- Cost of expertise



**BREAKDOWN OF OCCUPATIONAL ACCIDENTS LEADING TO PERMANENT DISABILITY ACCORDING TO THE AREA OF INJURY**  
(France 2011 data)

## A COMPLETE OPTIMIZED RANGE

With the multitude of different public sector and building jobs in mind, SHOWA now offers a range of gloves created entirely around the different applications and needs around each trade of the construction industry. To make it easier to choose the correct glove for the type of application, we have identified a range of trade-specific gloves grouped into 5 main categories of no more than 15 models. This ensures the number of reference materials is optimized and purchase costs are reduced to a minimum, with gloves that meet the specific needs of each different type of work. Grouped by work type, they consider three key factors: work environment, the different hand movements to be performed and the types of protection required.





## GENERAL HANDLING

381	306	330	341



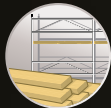
### PUBLIC WORK

Driving machines	●	●		
Maintenance		●		
Slings/signaler				
Demolition		●		



### FOUNDATIONS /STRUCTURE

Steel fixing				
Concreting				
Steel erector				
Shuttering	●	●		
Pouring concrete				
Mechanical and engineering	●		●	



### SCAFFOLDER

Scaffolding installation			●	
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### MASON

Laying brick		●	●	
Cementing				
Mortar				



### ROOFER & CARPENTER

Guttering and drain pipe		●		●
Roofing application membranes		●		●
Insulation	●	●		●
Flashings and seals		●		●
Interior Finishing & Repair		●		●
Wood joinery		●		●



### GLASS AND GLAZING

Fixing glass and windows				
Handling glass and windows				



### PLUMBER - HEATER

Plumbing	●			●
Drainage, piping				●
Heating, ventilation	●			



### ELECTRICIAN

Installing electrical wiring/components				●
Using test equipment				●
Installing trunking				●



### TILER

Setting tile				
Grouting/cleaning off				



### PAINTER & DECORATOR /PLASTERER

Painting				
Washing/cleaning				
Sanding				
Setting screw and nail	●			●
Skirting placement	●			●
Coating preparation	●			
Plastering				
Decoration				●



		CHEMICAL		CUT PROTECTION			COLD	SPECIFIC		
377	317	660	379	DURACoil® 546	S-TEX 376	S-TEX 581	477	7550	281	3771P
							•	•		
•							•	•		•
	•						•			
	•						•			•
•		•	•	•	•	•	•			•
				•	•	•	•			•
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GENERAL PURPOSE | IMPACT | CUT | CHEMICAL | INSULATED | SINGLE USE



# IMPACT PROTECTION

**Impact your protection not your hands!**

For oil & gas, construction and mining workers that require impact protection combined with oil grip and fully impermeable protection against mud, oil and liquids, SHOWA 377IP is the most complete protection so far.

44. Nitrile







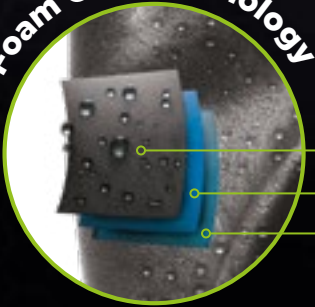
# NITRILE

## SHOWA 377IP

IMPACT PROTECTION, COMBINED WITH OIL GRIP & IMPERMEABILITY

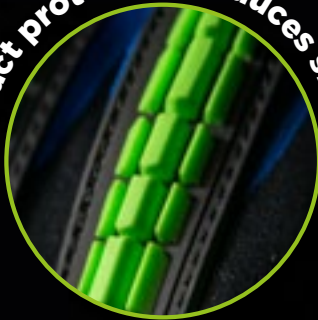
This glove provides impact protection on the most fragile parts of the hand: knuckles, thumb and fingers while combining an excellent premium grip that preserves the wearer from grease and liquids penetration.

Nitrile Foam Grip Technology



- NITRILE FOAM
- FILM NITRILE
- LINER

Impact protection reduces shock



**STITCHED PROTECTION**

ENHANCES GLOVE'S LIFETIME



# SHOWA 377IP

**Fully nitrile dipped with extra nitrile foam coating over polyester/nylon liner reinforced with engineered Anti-impact protection.**

### BENEFITS

- Impact protection reduces shock energy on metacarpals and knuckles, adds pinch-point protection for fingertips
- A flexible, robust glove offering great dexterity combined with good resistance to tearing
- Foam nitrile palm finish disperses oil, sludge and mud away to maximize grip
- Nitrile protects from water, oils, hydrocarbons and grease splashes/ penetration with optimal long-lasting grip
- Excellent fitting due to optimal liner design
- Seamless knit designed to prevent irritation
- No latex - minimal allergy risks

### APPLICATIONS

- Drilling
- Digging
- Deck crew
- Fitters
- Riggers
- Pipe Fitters
- Handling heavy equipment
- Demolition

### FEATURES

- LINER:** 13 gauge Seamless knit polyester/nylon
- COATING:** Nitrile foam
- GRIP:** Foam
- +** Ergonomic design hand mold that replicates the natural curves
- PACKAGING:** 6 pair per polybag. 6 dozen per case.

REF.	SIZE
377IP	7/M
377IP	8/L
377IP	9/XL
377IP	10/XXL

## RECOMMENDED FOR THESE LINES OF WORK:



OIL & GAS



MINING



DEMOLITION



CONSTRUCTION



SHIP BUILDING



DIY



LOGISTIC

GENERAL PURPOSE | **IMPACT** | CUT | CHEMICAL | INSULATED | SINGLE USE





# CUT PROTECTION

More than 80% of all hand and arm injuries are due to cuts and lacerations, most of which can be traced to an absence of gloves. To secure the handling of tools or objects with sharp edges or slippery surfaces, we make gloves and protective sleeves that not only resist cuts, but are also comfortable to wear, thus ensuring compliancy as well as safety.

- 50. Cut Level A2
- 51. Cut Level A3
- 55. Cut Level A4
- 61. Cut Level A5
- 62. Cut Level A6-A8



# SHOWA CUT INNOVATIONS FOR PROTECTION & COMFORT

## DURACoil® SERIES

### MULTI-PURPOSE CUT PROTECTION FOR CUT LEVEL C/A3

The liner of every DURACoil glove is engineered by tightly wrapping multifilament polyester around a cut resistant fiber, then reinforcing it with High-Performance Polyethylene (HPPE). The soft properties of HPPE combined with the unique coating styles of each model provides ultra-comfortable multi-purpose gloves with durable cut resistant properties for precision handling.



## S-TEX SERIES

### STAINLESS STEEL PROTECTION FOR CUT LEVEL D/A4 AND UP

Hagane Coil® technology enables us to provide high levels of cut resistance without sacrificing comfort. The key ingredient in each S-TEX glove is the unique coiling technique that binds an attending yarn to a stainless steel core. This provides better protection than any natural or synthetic fiber, yet is thin enough to allow flexibility and free movement as the hand bends and flexes.



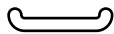


# CUT THROUGH THE CONFUSION

UNDERSTANDING YOUR PROTECTION AGAINST MECHANICAL RISKS



## UNDERSTANDING YOUR CUT GLOVE

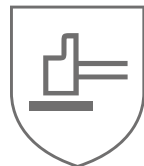


### IDENTIFYING YOUR PROTECTION: REPORTING & MARKINGS

The new standards have more cut resistance levels which make them more precise and accurate when it comes down to determining the cut level of a glove. Before the update, an ANSI level A4 would range from 1500 up to 3499 grams. It was therefore suitable for both manufacturing as well as metal stamping; two applications with very different cut resistance requirements. The new levels make it much easier to identify the different cut protection levels.

### REPORTING & MARKINGS EN 388

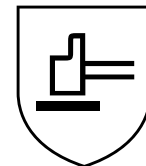
**EN 388 (CE)**  
OLD  
STANDARD



3 4 5 X

EXAMPLE	
Abrasion (cycles)	LEVEL 3
Cut (Coup Test)	LEVEL 4
Tear (N)	LEVEL 5
Puncture (N)	NOT TESTED

**EN 388 (CE)**  
**NEW**  
**STANDARD**



3 X 5 X E P

EXAMPLE	
Abrasion (cycles)	LEVEL 3
Cut (Coup Test)	NOT TESTED
Tear (N)	LEVEL 5
Puncture (N)	NOT TESTED
Cut (TDM-100 Test)	LEVEL E
Impact Protection	ACHIEVED

### REPORTING & MARKINGS ANSI

**ANSI/ISEA**  
**ASTM F2992-15**  
OLD  
STANDARD



CUT

LOAD (GRAMS)	ANSI/ISEA 105-11
<200	0
201-499	1
500-999	2
1000-1499	3
1500-3499	4
> 3500	5

**ANSI/ISEA**  
**ASTM F2992-15**  
**NEW**  
**STANDARD**



CUT

LOAD (GRAMS)	ANSI/ISEA 105-11
<200	-
201-499	A1
500-999	A2
1000-1499	A3
1500-2199	A4
2200-2999	A5
3000-3999	A6
4000-4999	A7
5000-5999	A8
> 6000+	A9

Cut level 4 from the old standard has been segmentised into 3 levels which makes the new A levels more precise. Furthermore, the levels A7 – A9 include a heavier load (amount of grams) and therefore differentiate superior cut-resistant gloves in a more effective way.

# MEASURING NEWTONS VS. GRAMS

- EN 388 reports the test results in Newtons, ANSI report in grams
- The cut resistance is determined by the load required to cut through a sample over a distance of 20mm.

### ANSI vs. EN

ANSI/ISEA 105: measures **MASS** using grams

EN 388: measures **FORCE** using newtons

**$N = g \times 0.00981$**

force = mass x 0.00981

**EN 388** tested to ISO13997

	newtons	grams
A	2-5	204-508
B	5-10	509-1019
C	10-15	1020-1529
D	15-22	1530-2242
E	22-30	2243-3058
F	30+	3059+

**ANSI/ISEA 105-16**

	grams
A1	200-499
A2	500-999
A3	1000-1499
A4	1500-2199
A5	2200-2999
A6	3000-3999
A7	4000-4999
A8	5000-5999
A9	6000+

**ANSI/ISEA 105-05**

	grams
1	200-499
2	500-999
3	1000-1499
4	1500-3499
5	3500+

**ACROSS THE SCOPE AND ACROSS THE GLOBE, SHOWA HAS YOU COVERED**

	LOW CUT LEVEL NEEDED		MEDIUM CUT LEVEL NEEDED							HIGH CUT LEVEL NEEDED	
ANSI/ISEA	A1	A2	A3	A4	A5	A6	A7	A8	A9		
EN 388: 2016	A	B	C	D	E	F					
	-	KV660	KV350	S-TEX 300	8110	8127	257	S-TEX 303		-	
	-	541	KV300	S-TEX 350	S-TEX 581	-	-	-	-	-	
	-	540	546	S-TEX 377	3416	-	-	-	-	-	
	-	545	7965R	S-TEX 541	-	-	-	-	-	-	
	-	-	-	234	-	-	-	-	-	-	
	-	-	-	240	-	-	-	-	-	-	
	-	-	-	4561	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	-	

↑ SEVERITY

← RISK OF INJURY →







# ANSI CUT LEVEL A2



SHOWA  
**540**

Polyurethane coating  
on palm over HPPE liner

**BENEFITS: Dexterity and cut protection**

- A flexible glove providing ANSI A2 protection against cuts and abrasion
- Suitable for dry or light oil applications
- PU coating provides grip and assured handling
- Thin and lightweight glove enhancing dexterity
- Breathable back of hand to reduce perspiration
- Designed for easy movement and extended wear
- Seamless knit designed to prevent irritation
- No latex allergy risks

**APPLICATIONS:**

Metallurgy  
Sheet metal  
Interior Finishing & Repair

**FEATURES**

**LINER:** 13 gauge seamless knit HPPE  
**COATING:** Polyurethane  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** Individually packaged. 12 pair per polybag. 6 dozen per case.

REF.	SIZE
540	6/S
540	7/M
540	8/L
540	9/XL
540	10/XXL



SHOWA  
**541**

Polyurethane coating  
on palm over HPPE liner

**BENEFITS: Premium combination of ANSI A2 cut resistance and comfort**

- PU coating highly resistant to abrasion
- Thin and lightweight glove enhancing dexterity
- PU protects the hand from oils and abrasion while remaining elastic
- Low-soil color
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Very flexible with a soft liner providing high comfort
- Seamless knit designed to prevent irritation
- No latex allergy risks

**APPLICATIONS:**

Public sector	Interior
Metallurgy	Finishing & Repair
Sheet metal	Repair
Transport and logistic	Automotive Construction

**FEATURES**

**LINER:** 13 gauge seamless knit HPPE  
**COATING:** Polyurethane  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** Individually packaged. 12 pair per polybag. 6 dozen per case.

REF.	SIZE
541	6/S
541	7/M
541	8/L
541	9/XL
541	10/XXL



SHOWA  
**545**

Nitrile coating on palm  
over HPPE liner

**BENEFITS:**

- A flexible, light glove providing ANSI A2 protection against cuts
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Resistant to abrasion with effective long lasting grip in oil
- Enhance handling of oily sharp piece
- Breathable back of hand to reduce perspiration
- Provides easy movement and comfort for an extended wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Maritime sector  
Automotive  
Interior Finishing & Repair  
Maintenance  
Construction  
White goods

**FEATURES**

**LINER:** 13 gauge seamless HPPE knit  
**COATING:** Nitrile  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
545	6/S
545	7/M
545	8/L
545	9/XL

# ANSI CUT LEVEL A3



DuPont™  
**Kevlar.**

## SHOWA ATLAS **KV660**

Full PVC coating, extra PVC coating on the entire hand over Kevlar® liner

**BENEFITS: Cut and chemical protection combination**

- Unique SHOWA PVC dipping technology provides flexibility and suppleness
- Extended protection on the forearm
- Combined chemical resistance and cut protection
- PVC seals and protects the hand against chemicals while remaining flexible
- Suitable for working in damp or greasy environments, enabling you to grip objects securely
- Rough finish enhance grip performance
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Glass            Petrochemical  
Bottling        Chemical based  
Utilities

**FEATURES**

**LINER:** Seamless Kevlar® knit  
**COATING:** PVC  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
KV660	8/M	12"
KV660	9/L	12"
KV660	10/XL	12"
KV660	11/XXL	12"



## SHOWA **7965R**

Durable, full nitrile coating over cut-resistant liner made with Kevlar®

**BENEFITS:**

- ANSI Cut level A3
- ANSI Puncture level 2
- Coating provides superior cut, puncture, snag and abrasion resistance
- Excellent resistance to oil and grease
- Rough finished for a good wet grip and extra wear
- Fully coated nitrile
- Kevlar® liner
- Reinforced safety cuff
- Rough grip

**APPLICATIONS:**

Mechanical and engineering  
Metal Stamping  
Bottling  
Handling glass and windows  
Plate glass production  
Window manufacturing  
Automotive repairs and maintenance

**FEATURES**

**LINER:** Seamless knit liner made with Kevlar®  
**COATING:** Nitrile  
**GRIP:** Rough  
**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
7965R	9/M	10 inches
7965R	10/L	10 inches



## SHOWA **68NFW**

The industry's first wrinkle-finished, Natural Latex-coated glove design with a Kevlar® liner

**BENEFITS: Protects against severe cuts while handling rough, greasy and heavy materials**

- Textured grip ensuring superior handling and tactile dexterity
- Soft, cotton liner provides comfort and flexibility
- ANSI A3 cut level
- Multi-dipped
- Soft, cotton liner provides comfort and flexibility

**APPLICATIONS:**

Mechanical      Glass and Glazing  
Public Utilities    Construction

**FEATURES**

**LINER:** Soft cotton made with Kevlar®  
**COATING:** Natural Latex  
**GRIP:** Rough  
**PACKAGING:** 6 dozen per case

REF.	SIZE
68NFW	9/M
68NFW	10/L



# ANSI CUT LEVEL A3



[NEW!]

SHOWA

## DURACOIL® 546

Polyurethane foam coating over engineered DURACOIL® liner reinforced with HPPE

**BENEFITS:** Ultra-comfortable multi-purpose glove with durable cut resistant properties for precision handling

- Increased cut resistance performance due to engineered DURACOIL® liner
- PU foamed coating protects the hand from oils and abrasions while remaining breathable
- Maximum comfort when performing delicate tasks
- Breathable back of hand reduces perspiration and keeps hands dry
- Cost-efficient gloves that can be laundered and re-used

**APPLICATIONS:**

Aerospace	Mechanical
Automotive	Metallurgy
Engineering	Railways
Glass	Warehousing
Manufacturing	

**FEATURES**

**LINER:** 13 gauge seamless knit engineered yarn/polyester with HPPE

**COATING:** Polyurethane

**GRIP:** Smooth

✦ Ergonomic design that replicates the natural hand

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
546	6/S
546	7/M
546	8/L
546	9/XL
546	10/XXL



[NEW!]

SHOWA

## DURACOIL® 546W

White reinforced polyurethane coating over engineered DURACOIL® liner reinforced with HPPE

**BENEFITS:** White ANSI cut level A3 glove for general precision handling in dirt-sensitive environments

- Increased cut resistance performance due to engineered DURACOIL® liner
- Reinforced polyurethane coating enhances abrasion and oil resistance compared to regular PU
- Light color helps identify soiling and contamination
- Maximum comfort when performing delicate tasks
- Breathable back of hand reduces perspiration and keeps hands dry
- Cost-efficient gloves that can be laundered and re-used

**APPLICATIONS:**

Aerospace	Manufacturing
Automotive	Mechanical
Cleanrooms	Metallurgy
Laboratory	Pharmaceutical

**FEATURES**

**LINER:** 13 gauge seamless knit engineered yarn/polyester with HPPE

**COATING:** Polyurethane

**GRIP:** Smooth

✦ Ergonomic design that replicates the natural hand

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
546W	6/S
546W	7/M
546W	8/L
546W	9/XL
546W	10/XXL



[NEW!]

SHOWA

## DURACOIL® 546X

Uncoated engineered DURACOIL® liner reinforced with HPPE

**BENEFITS:** A flexible, light glove providing effective protection against cuts

- Increased cut resistance performance due to engineered DURACOIL® liner
- Optimal dexterity and tactile feel retained
- Light color helps identify soiling and contamination
- Maximum comfort when performing delicate tasks
- Cost-efficient gloves that can be laundered and re-used
- Seamless knit designed to prevent irritation for continuous wear

**APPLICATIONS:**

Aerospace
Automotive
Cleanrooms
Manufacturing
Mechanical
Warehousing

**FEATURES**

**LINER:** 13 gauge seamless knit engineered yarn/polyester with HPPE

**COATING:** Uncoated

**GRIP:** Smooth

✦ Ergonomic design that replicates the natural hand

**PACKAGING:** 10 pair per polybag. 20 polybags per case.

REF.	SIZE
546X	6/S
546X	7/M
546X	8/L
546X	9/XL





[NEW!]

## SHOWA DURACoil® 346

Natural Latex coating over engineered DURACoil® liner reinforced with HPPE

**BENEFITS:** Lightweight and durable with excellent resistance to tearing

- Increased cut resistance performance due to engineered DURACoil® liner
- Natural Latex coating protects the palm and fingers from liquids, snags, and abrasions
- Rough texturing on palm ensures exceptional grip
- Maximum comfort when performing delicate tasks
- Breathable back of hand reduces perspiration
- Cost-efficient gloves that can be laundered and re-used

**APPLICATIONS:**

Manufacturing	Construction
Municipal Services	DIY
Warehousing	Glass

**FEATURES**

**LINER:** 13 gauge seamless knit engineered yarn/polyester with HPPE

**COATING:** Natural Latex

**GRIP:** Rough

✚: Ergonomic design that replicates the natural hand

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
346	6/S
346	7/M
346	8/L
346	9/XL



[NEW!]

## SHOWA DURACoil® 386

Microporous nitrile coating over engineered DURACoil® liner reinforced with HPPE

**BENEFITS:** Light, supple gloves with good resistance to punctures and nicks

- Increased cut resistance performance due to engineered DURACoil® liner
- Microporous nitrile coating protects the hand from grease, hydrocarbons, and abrasions while remaining aerated
- Embossed nitrile palm finish disperses oil for increased grip and longevity in light oily environments
- Breathable back of hand reduces perspiration
- Cost-efficient gloves that can be laundered and re-used

**APPLICATIONS:**

Aerospace	Engineering
Airports & Ports	Manufacturing
Automotive	Mechanical
Construction	Packaging

**FEATURES**

**LINER:** 13 gauge seamless knit engineered yarn/polyester with HPPE

**COATING:** Microporous nitrile

**GRIP:** Embossed

✚: Ergonomic design that replicates the natural hand

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
386	6/S
386	7/M
386	8/L
386	9/XL
386	10/XXL



[NEW!]

## SHOWA DURACoil® 576

Foamed nitrile on ¾ dipped nitrile coating over engineered DURACoil® liner reinforced with HPPE

**BENEFITS:** Durable cut protection and long lasting anti-slip grip in wet and oily conditions

- Increased cut resistance performance due to engineered DURACoil® wrapping technology
- Foam nitrile over nitrile protects the hand from oils, hydrocarbons and grease penetration
- Advanced dual coating provides flexibility and tactility while offering abrasion resistance EN 388 level 4
- Liquid-proof to end of coated area (577 has full hand and wrist coverage)
- Cost-efficient gloves that can be laundered and re-used

**APPLICATIONS:**

Aerospace	Glass
Automotive	Manufacturing Mechanical
Construction Engineering	Oil & Gas

**FEATURES**

**LINER:** 13 gauge seamless knit engineered yarn/polyester with HPPE

**COATING:** Nitrile/foam nitrile

**GRIP:** Foam

✚: Ergonomic design that replicates the natural hand

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE	REF.	SIZE
576	6/S	577	6/S
576	7/M	577	7/M
576	8/L	577	8/L
576	9/XL	577	9/XL
576	10/XXL	577	10/XXL





# ANSI CUT LEVEL A3



DuPont™  
**Kevlar.**

SHOWA ATLAS

## KV300

Natural Latex coating on palm over Kevlar® liner

**BENEFITS: The balance between cut protection and dexterity**

- Excellent mechanical performance
- Flexible and supple so allows dexterity
- Offers good abrasion resistance
- Latex protects the hand in damp environments
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Automotive	Recycling
Glass	Metallurgy

**FEATURES**

**LINER:** 10 gauge seamless knit Kevlar®

**COATING:** Natural Latex

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
KV300	7/S
KV300	8/M
KV300	9/L
KV300	10/XL
KV300	11/XXL



DuPont™  
**Kevlar.**

SHOWA ATLAS

## KV350

Nitrile coating on palm over Kevlar® liner

**APPLICATIONS:**

Automotive  
Glass  
Recycling  
Metallurgy

**FEATURES**

**LINER:** 10 gauge seamless knit Kevlar®

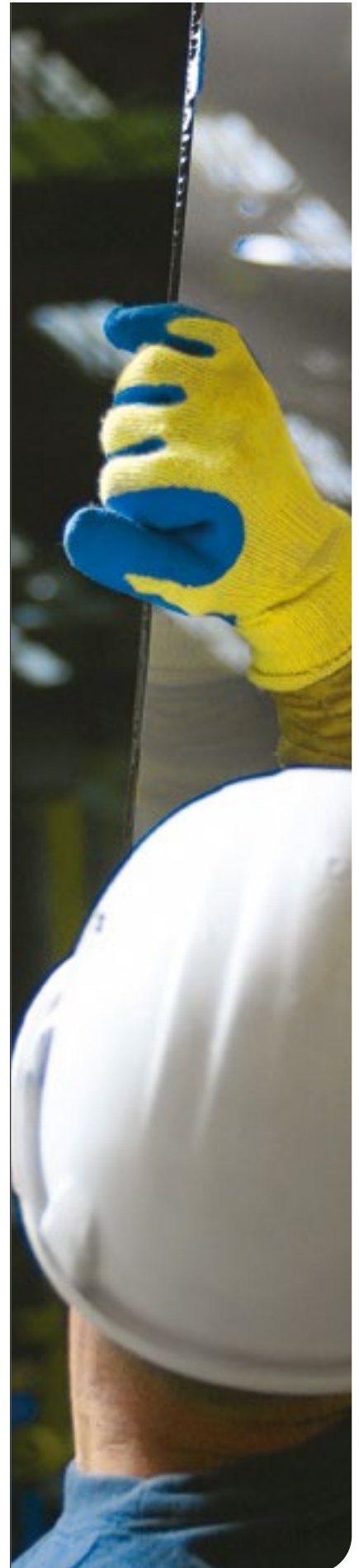
**COATING:** Nitrile

**GRIP:** Smooth

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 12 dozen per case.

REF.	SIZE
KV350	7/S
KV350	8/M
KV350	9/L
KV350	10/XL





SHOWA  
**5900**

Nitrile coating on palm over HPPE liner

**BENEFITS: ANSI A3 cut protection**

- A flexible, light glove providing effective protection against cuts
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Resistant to abrasion with effective long lasting grip in oil
- Enhanced handling of oily sharp pieces
- Breathable back of hand to reduce perspiration
- Provides easy movement and comfort for an extended wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Steel Glass and glazing  
Mechanical Automotive  
Construction

**FEATURES**

**LINER:** 15-gauge seamless, stretch liner

**COATING:** Nitrile

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
5900	7/S
5900	8/M
5900	9/L
5900	10/XL



SHOWA  
**S237-16T**

Medium weight 16" sleeve made with HPPE engineered fiber

**BENEFITS: ANSI A3 cut protection**

- Excellent comfort and flexibility
- High Performance, cut-resistant fiber technology
- Ideal for applications where sharp edges are prevalent
- 7 gauge seamless knit
- Elastic thumb loop
- 16" sleeve
- Fully launderable

**APPLICATIONS:**

Beverage  
Food packing and handling  
Handling glass and windows  
Bottling  
HVAC

**FEATURES**

**LINER:** 7-gauge seamless

Engineered fiber with HPPE

**COATING:** Uncoated

**GRIP:** Uncoated

**PACKAGING:** 2 sleeves per pack

REF.	SIZE	LENGTH
S237-16T	9/L	16in
S237-16T	10/XL	16in

T= Thumb Loop



DuPont™  
**Kevlar.**

SHOWA  
**240**

Sponge neoprene palm coating over Kevlar®, modacrylic, fiberglass liner

**BENEFITS: Combination of Arc flash and cut protection**

- Protects against arc flash: Arc flash level 2
- Kevlar® liner increases cut protection: ANSI Cut Level A3
- Good resistance against flames and heat
- Provides strong mechanical resistance level
- Flat dipped sponge neoprene coating provides excellent grip while remaining soft and flexible

**APPLICATIONS:**

Construction  
Maritime sector  
Metallurgy  
Oil & Gas/Offshore

**FEATURES**

**LINER:** 13 gauge seamless Kevlar®/

modacrylic/fiberglass knit

**COATING:** Sponge neoprene

**GRIP:** Smooth

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
240	7/S
240	8/M
240	9/L
240	10/XL
240	11/XXL





# ANSI CUT LEVEL A3



SHOWA

## 8113/c

PVC coated HPPE yarn

**BENEFITS: Ambidextrous ANSI A3 cut protection**

- Unmatched stretch, comfort and thermal warmth
- High performance
- Ambidextrous; can be worn on either hand
- Fully launderable, with effective comfort and durability
- Seamless knit designed to prevent irritation
- Breathable

**APPLICATIONS:**

Steel  
Mechanical  
Metallurgy  
Automotive

**FEATURES**

**LINER:** 13-gauge seamless Thermax® lined knit with AlphaSan®

**COATING:** 8113 - Uncoated / 8113C - PVC dots

**GRIP:** Embossed

**PACKAGING:** 12 gloves per case.

REF.	SIZE	REF.	SIZE
8113	6/XS	8113C	6/XS
8113	7/S	8113C	7/S
8113	8/M	8113C	8/M
8113	9/L	8113C	9/L
8113	10/XL	8113C	10/XL

8113 - FDA Food compliant  
8113C - not FDA food compliant

# ANSI CUT LEVEL A4



[NEW!]



DuPont™  
**Kevlar.**

SHOWA

## 4561

Sponge nitrile palm coating over engineered liner with Kevlar®

**BENEFITS: Combination of oil grip technology and cut resistance**

- A light, elastic low-lint glove, resistant to deformation
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Provides grip performance in oily circumstances with high abrasion resistance
- Engineered fibers knitting provides cut protection ANSI A4
- Excellent level of dexterity and tactility
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation
- No latex allergy risks

**APPLICATIONS:**

Automotive                      Manufacturing  
Engineering                    Mechanical  
Glass                                Metallurgy

**FEATURES**

**LINER:** 15-gauge engineered liner made with Kevlar®

**COATING:** Sponge nitrile

**GRIP:** Sponge

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
4561	6/S
4561	7/M
4561	8/L
4561	9/XL
4561	10/XXL



[NEW!]

SHOWA

## 4561X

Engineered liner with Kevlar®

**BENEFITS:**

- ANSI Cut level A4
- 15-gauge engineered liner made with Kevlar® is inherently flame resistant
- High cut resistance
- Lightweight for extreme tactility and breathability
- Excellent choice for a liner glove where added cut resistance is needed
- Ambidextrous
- Fully launderable

**APPLICATIONS:**

Automotive repairs and maintenance  
Bottling  
Handling glass and windows  
White goods  
HVAC

**FEATURES**

**LINER:** 15-gauge engineered liner made with Kevlar®

**COATING:** Uncoated

**GRIP:** Uncoated

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
4561X	6/S
4561X	7/M
4561X	8/L
4561X	9/XL
4561X	10/XXL



[NEW!]

SHOWA  
**4568**

Kevlar® cut-resistance with high visibility Zorb-IT® oil grip

**BENEFITS:**

- ANSI Cut level A4
- 15-gauge engineered liner made with Kevlar® is inherently flame resistant
- High cut and abrasion resistance
- Lightweight, breathable liner allows warm air and moisture from inside to escape, keeping your hands dry and comfortable
- Zorb-IT foam nitrile palm finish absorbs oil to increase grip and durability in oily environments
- Ergonomically designed to replicate the hand's natural curves for easy movement and comfortable, continuous wear
- Bright orange palm adds to awareness and safety

**APPLICATIONS:**

Mechanical and engineering  
Light assembly of oil-coated pieces  
Steel fixing  
Handling glass and windows  
Deck crew

**FEATURES**

**LINER:** 15-gauge engineered liner made with Kevlar®  
**COATING:** Nitrile  
**GRIP:** Foam  
**PACKAGING:** 12 pair per polybag, 6 dozen per case.

REF.	SIZE
4568	6/S
4568	7/M
4568	8/L
4568	9/XL
4568	10/XXL



[NEW!]

SHOWA  
**234**

Foam nitrile palm coating over spandex/ engineered cut resistant liner reinforced with HPPE

**BENEFITS: Resilient food-safe glove offering excellent grip and cut protection in dry & greasy environments**

- Strong cut resistance performance - ANSI Cut Level A4
- Foam nitrile coating protects against oils, hydrocarbons, grease and abrasions, while offering excellent grip in wet and dry conditions
- FDA & EU Food contact approved
- Cooling HPPE properties and breathable back of hand reduces perspiration and keeps hands dry
- Thin and lightweight for enhanced dexterity and longer use
- Launderable for multiple use, less waste and cost efficiency
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Automotive	Glass
Construction	Municipal Services
Food	Warehousing

**FEATURES**

**LINER:** 15 gauge seamless knit spandex/ engineered yarn with HPPE  
**COATING:** Nitrile  
**GRIP:** Foam  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pair per polybag, 6 dozen per case.

REF.	SIZE
234	6/S
234	7/M
234	8/L
234	9/XL
234	10/XXL



[NEW!]

SHOWA  
**234X**

Uncoated spandex/ engineered cut resistant liner reinforced with HPPE

**BENEFITS: Comfortable food-safe glove with high cut resistance performance and flexibility**

- Strong cut resistance performance - ANSI Cut Level A4
- Cooling and breathable HPPE properties reduce perspiration and keep hands dry
- Designed for use in "knife hand" applications in food processing & food service industries
- Ambidextrous and launderable for multiple use, less waste and cost reduction
- Perforated tag can be removed easily without tearing or damaging the glove
- An ideal inner glove for extra cut protection
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Automotive	Glass
Construction	Mechanical
Food	

**FEATURES**

**LINER:** 15 gauge seamless knit spandex/ engineered yarn with HPPE  
**COATING:** Uncoated  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 gloves per case

REF.	SIZE
234X	6/S
234X	7/M
234X	8/L
234X	9/XL
234X	10/XXL



# ANSI CUT LEVEL A4



SHOWA

## S-TEX541

Palm polyurethane coating over Hagane Coil® liner (stainless steel/polyester)

**BENEFITS: Better advanced cut protection performance**

- Excellent cut resistance performance due to engineered fiber
- PU coating provides high abrasion resistance and excellent grip
- Open back design with breathable palm keeps the hand comfortable and dry
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Automotive  
Construction  
Electronics  
Processing  
Logistics  
White goods  
Glass and glazing

**FEATURES**

**LINER:** 13 gauge seamless knit stainless steel/polyester

**COATING:** Polyurethane

**GRIP:** Smooth

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
S-TEX541	6/S
S-TEX541	7/M
S-TEX541	8/L
S-TEX541	9/XL
S-TEX541	10/XXL



SHOWA

## S-TEX300

Palm Natural Latex coating over Hagane Coil® liner (stainless steel/polyester)

**BENEFITS: Patented fiber for advanced cut protection**

- Excellent cut resistance performance due to engineered fiber
- A comfortable, supple glove providing effective resistance to abrasion
- Surface provides performant grip
- Wrist well protected
- High visibility
- Breathable back of hand to reduce perspiration
- Designed for easy movement and extended wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Glass handling      Interior Finishing &  
Bottling              Repair  
Sheet metal          Metallurgy

**FEATURES**

**LINER:** 10 gauge seamless knit stainless steel/polyester

**COATING:** Natural Latex

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
S-TEX300	7/S
S-TEX300	8/M
S-TEX300	9/L
S-TEX300	10/XL



SHOWA

## S-TEX350

Palm nitrile coating over Hagane Coil® liner (stainless steel/polyester)

**BENEFITS:**

- Excellent cut resistance performance due to engineered fiber
- Nitrile protects the hand from oils, hydrocarbons, grease and abrasion
- Effective long lasting grip in oil
- Wrist well protected
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Automotive  
Construction  
Interior Finishing & Repair  
Bottling  
Metallurgy

**FEATURES**

**LINER:** 10 gauge seamless knit stainless steel/polyester

**COATING:** Nitrile

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
S-TEX350	7/S
S-TEX350	8/M
S-TEX350	9/L
S-TEX350	10/XL





SHOWA

## S-TEX376

Dual nitrile coating technology, ¾ nitrile dipped with extra nitrile foam coating on palm over Hagane Coil® liner (stainless steel/polyester)

**BENEFITS:** Excellent cut protection performance combined with long lasting grip

- Nitrile coating with a second foamed nitrile coating provides high abrasion resistance
- ANSI Cut Level A4
- Protects the hand from oils, hydrocarbons, grease and abrasion, with long lasting grip performance under wet and oily conditions
- Anatomical design replicates the natural curvature of the human hand and thus reduces hand fatigue, increasing productivity and dexterity
- Seamless knitting gives no irritation
- Liquid-proof to end of coated area

**APPLICATIONS:**

Aerospace  
Agriculture  
Construction  
Engineering  
Glass  
Manufacturing  
Mechanical

**FEATURES**

**LINER:** 13 gauge seamless knit stainless steel/polyester

**COATING:** Nitrile/nitrile foam

**GRIP:** Foam

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
S-TEX376	6/S
S-TEX376	7/M
S-TEX376	8/L
S-TEX376	9/XL
S-TEX376	10/XXL

SHOWA

## S-TEX377

Double-dipped, fully coated nitrile, with an extra nitrile foam coating on palm over Hagane Coil® liner (stainless steel/polyester)



[NEW!]



[NEW!]



## SHOWA S-TEX 376SC

Dual nitrile coating technology, ¾ nitrile dipped with extra nitrile foam coating on palm over Hagane Coil® liner (stainless steel/polyester), and PVC/polyester safety cuff

**BENEFITS:** Easy to remove with excellent cut protection performance and lasting grip

- Excellent cut resistance performance due to engineered fiber
- Nitrile coating with a second foamed nitrile on palm provides high abrasion resistance
- ANSI Cut Level A4
- Protects the hand from oils, hydrocarbons, grease and abrasions, with long lasting grip performance under wet and oily conditions
- Strong, sturdy cuff that extends protection to the wrist, while enabling quick and easy removal in case of emergency
- Liquid-proof to end of coated area
- Anatomical design that replicates the natural curves of the human hand, thereby reducing hand fatigue and increasing productivity.
- Seamless knitting prevents irritation

**APPLICATIONS:**

Automotive      Metal Stamping  
Glass              Public Utilities  
Manufacturing    Recycling

**FEATURES**

**LINER:** 13 gauge seamless knit stainless steel/polyester

**COATING:** Nitrile/nitrile foam

**GRIP:** Foam

✦ Safety cuff for extended wrist protection and easy removal

**PACKAGING:** 6 pair per polybag. 6 dozen per case.

REF.	SIZE	LENGTH	REF.	SIZE	LENGTH
S-TEX376SC	7/M	4" cuff	S-TEX377SC	7/M	4" cuff
S-TEX376SC	8/L	4" cuff	S-TEX377SC	8/L	4" cuff
S-TEX376SC	9/XL	4" cuff	S-TEX377SC	9/XL	4" cuff
S-TEX376SC	10/XXL	4" cuff	S-TEX377SC	10/XXL	4" cuff



# ANSI CUT LEVEL A4



SHOWA

## 910/c

Nitrile coating on palm over HPPE liner

**BENEFITS:**

- A flexible, light glove providing ANSI A4 protection against cuts
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Resistant to abrasion with effective long lasting grip in oil
- Enhance handling of oily sharp piece
- Breathable back of hand to reduce perspiration
- Provides easy movement and comfort for an extended wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Maritime sector	Maintenance
Automotive	Construction
Interior Finishing & Repair	White goods

**FEATURES**

**LINER:** 10 gauge seamless HPPE knit

**COATING:** 910 - Uncoated / 910C - Nitrile dots

**GRIP:** Embossed

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 gloves per case.

REF.	SIZE	REF.	SIZE
910	6/XS	910C	6/XS
910	7/S	910C	7/S
910	8/M	910C	8/M
910	9/L	910C	9/L
910	10/XL	910C	10/XL

910 - FDA food compliant

910C - not FDA food compliant



SHOWA

## 430

Sponge nitrile palm coating over polyethylene/nylon/Lycra® liner

**BENEFITS:**

- Provides ANSI A4 protection against cuts
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Offers high abrasion resistance with optimal long lasting grip in dry or oil applications
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation
- Silicone free
- No latex allergy risks

**APPLICATIONS:**

Automotive  
Glass  
Recycling

**FEATURES**

**LINER:** 10 gauge seamless knit polyethylene/nylon/Lycra®

**COATING:** Sponge nitrile

**GRIP:** Sponge

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
430	7/S
430	8/M
430	9/L
430	10/XL
430	11/XXL



SHOWA

## S4561

Seamless Kevlar® sleeve, light weight

**BENEFITS:**

- ANSI Cut Level A4
- Excellent comfort and flexibility
- DuPont® Kevlar® fiber technology
- Moisture management fiber lining
- Ideal for applications where sharp edges are prevalent
- Single-ply
- Elastic thumb loop
- Fully launderable
- Available in many lengths

**APPLICATIONS:**

Mechanical and engineering  
Metal Stamping  
Intricate parts handling  
Handling glass and windows  
Bottling  
Canning  
HVAC  
Fabrication

**FEATURES**

**LINER:** 15-gauge engineered liner made with Kevlar®

**COATING:** Uncoated

**GRIP:** Uncoated

**PACKAGING:** 2 sleeves per pack

REF.	LENGTH
S4561-10T	10in
S4561-12T	12in
S4561-14T	14in
S4561-16T	16in
S4561-18T	18in
S4561-22T	22in
S4561-24T	24in

T = Thumb loop

# ANSI CUT LEVEL A5



SHOWA

## S8115-10/T

Light weight 10" sleeve made with HPPE engineered fiber

### BENEFITS:

- ANSI Cut Level A4
- Excellent comfort and flexibility
- High Performance, cut-resistant fiber technology
- 15-gauge seamless knit
- Engineered fiber with HPPE
- 10" sleeve
- Elastic thumb loop
- 21 CFR / FDA compliant for direct food contact

### APPLICATIONS:

Metal Stamping  
Food packing and handling  
Poultry, meat & seafood processing  
Handling glass and windows  
Plate glass production  
Bottling  
Canning  
White goods  
HVAC

### FEATURES

**LINER:** 15-gauge seamless Engineered fiber with HPPE  
**COATING:** Uncoated  
**GRIP:** Uncoated  
**PACKAGING:** 2 sleeves per pack

REF.	SIZE	LENGTH
S8115M-10	8/M	10in
S8115L-10	9/L	10in
S8115XL-10	10/XL	10in
S8115M-10T	8/M	10in
S8115L-10T	9/L	10in
S8115XL-10T	10/XL	10in

T = Thumb loop



SHOWA

## S8115-16/T

Light weight 16" sleeve made with HPPE engineered fiber

### BENEFITS:

- ANSI Cut Level A4
- Excellent comfort and flexibility
- High Performance, cut-resistant fiber technology
- 15-gauge seamless knit
- Engineered fiber with HPPE
- 16" sleeve
- Elastic thumb loop
- 21 CFR / FDA compliant for direct food contact

### APPLICATIONS:

Metal Stamping  
Food packing and handling  
Poultry, meat & seafood processing  
Handling glass and windows  
Plate glass production  
Bottling  
Canning  
HVAC

### FEATURES

**LINER:** 15-gauge seamless Engineered fiber with HPPE  
**COATING:** Uncoated  
**GRIP:** Uncoated  
**PACKAGING:** 2 sleeves per pack

REF.	SIZE	LENGTH
S8115M-16	8/M	16in
S8115L-16	9/L	16in
S8115XL-16	10/XL	16in
S8115M-16T	8/M	16in
S8115L-16T	9/L	16in
S8115XL-16T	10/XL	16in



SHOWA

## S-TEX581

Microporous foamed nitrile palm coating over Hagane Coil® liner (stainless steel/ polyester) reinforced with Kevlar®

### BENEFITS: Lightweight glove with high cut protection performance

- Excellent cut resistant performance due to engineered fiber
- Embossed nitrile palm finish disperses oil away to increase grip and longevity in light oily environments
- Foam nitrile coating provides an abrasion resistance level of 5 and extended usage
- Microporous nitrile coating grants exceptional grip while allowing warm air and moisture from inside to escape, keeping your hands dry
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation

### APPLICATIONS:

Construction Glass and glazing  
Automotive Bottling  
Stamping Metallurgy  
Masonry

### FEATURES

**LINER:** 13 gauge seamless knit stainless steel/polyester with Kevlar®  
**COATING:** Foam nitrile  
**GRIP:** Embossed  
✦ Ergonomic design that replicates the natural curvature of the hand  
**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
S-TEX581	6/S
S-TEX581	7/M
S-TEX581	8/L
S-TEX581	9/XL
S-TEX581	10/XXL





# ANSI CUT LEVEL A5



SHOWA

## 3416

Full neoprene coating over engineered cut protective liner

**BENEFITS: Premium combination of mechanical, chemical and cut protection**

- Neoprene protects against a wide range of chemicals including acids, caustics, solvents, greases and oils
- Cut protection ANSI A5
- Rough particle palm finish offers good resistance to abrasion and maintained grip
- Flexible neoprene coating provides great comfort and dexterity
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Metallurgy  
Chemical bases, acids  
Petrochemical  
Offshore  
Oil & Gas

**FEATURES**

**LINER:** 13 gauge seamless knit HPPE

**COATING:** Neoprene

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pairs per polybag.  
6 dozen per case

REF.	SIZE	LENGTH
3416	8/S	14"
3416	9/M	14"
3416	10/L	14"
3416	11/XL	14"



SHOWA

## 8110

Uncoated HPPE yarn

**BENEFITS: Ambidextrous ANSI A5**

- High cut performance yarn
- Optimal dexterity and tactile feel retained
- Ambidextrous; can be worn on either hand
- Fully launderable, with effective comfort and durability
- Seamless knit designed to prevent irritation
- No latex allergy risks
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Food  
Construction  
Glass handling

**FEATURES**

**LINER:** 10 gauge seamless knit HPPE

**COATING:** Uncoated

**PACKAGING:** 12 gloves per case.

REF.	SIZE
8110	6/XS
8110	7/S
8110	8/M
8110	9/L
8110	10/XL

# A6



SHOWA

## 8127

Uncoated HPPE yarn

**BENEFITS: Ambidextrous ANSI A6**

- High cut performance yarn
- Optimal dexterity and tactile feel retained
- Ambidextrous; can be worn on either hand
- Fully launderable, with effective comfort and durability
- Seamless knit designed to prevent irritation
- No latex allergy risks
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Food  
Construction  
Glass handling

**FEATURES**

**LINER:** 7 gauge seamless knit HPPE

**COATING:** Uncoated

**PACKAGING:** 12 gloves per case.

REF.	SIZE
8127	6/XS
8127	7/S
8127	8/M
8127	9/L
8127	10/XL



# ANSI CUT LEVEL A7



[NEW!]

SHOWA

## 257

Foam nitrile palm coating over spandex liner reinforced with stainless steel and aramid

**BENEFITS: Surprisingly soft and flexible glove that can withstand the highest level of cuts and lacerations**

- Exceptional cut resistant performance - ANSI A7
- Foam nitrile coating protects palm & fingers from abrasions, snags & punctures, while offering optimum grip in both dry & oily applications
- Plated-knit liner avoids scratchy fibers touching the skin, for long-lasting comfort
- Excellent dexterity thanks to flexible properties of spandex
- Lightweight, with breathable open back design that reduces sweat and keeps hands dry
- Launderable for multiple use, less waste and cost efficiency

**APPLICATIONS:**

Automotive	Manufacturing
Construction	Mechanical
Glass	Metallurgy

**FEATURES**

**LINER:** 13 gauge plated-knit spandex/ aramid/ stainless steel

**COATING:** Nitrile

**GRIP:** Sponge

✦: Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
257	6/S
257	7/M
257	8/L
257	9/XL
257	10/XXL



[NEW!]

SHOWA

## 257X

Uncoated spandex liner reinforced with stainless steel and aramid

**BENEFITS: Uncoated soft and flexible glove with ANSI A7**

- Exceptional cut resistant performance
- Seamless, plated-knit liner avoids scratchy fibers touching the skin, for long-lasting comfort
- Excellent dexterity thanks to flexible properties of spandex
- Lightweight, breathable liner that reduces sweat and keeps hands dry
- An ideal inner glove for extra cut protection
- Ambidextrous and launderable for multiple use, less waste and cost reduction

**APPLICATIONS:**

Automotive	Manufacturing
Bottling	Mechanical
Glass	Metal Stamping

**FEATURES**

**LINER:** 13 gauge plated-knit spandex/ aramid/ stainless steel

**COATING:** Uncoated

✦: Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
257X	6/S
257X	7/M
257X	8/L
257X	9/XL
257X	10/XXL

# A8



DuPont™  
**Kevlar.**



SHOWA

## S-TEX303

Palm coating over Hagane Coil® liner (stainless steel/ polyester) reinforced with Kevlar®

**BENEFITS: Highest cut resistance protection ANSI A8**

- Excellent cut resistant performance due to engineered fiber
- Protects the hand in damp environments
- Wrist well protected
- Surface provides tactile feel and better grip
- Breathable back of hand to reduce perspiration
- Designed for easy movement and continuous wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Metallurgy
Stamping
Glass and glazing

**FEATURES**

**LINER:** Seamless knit stainless steel/ polyester with Kevlar®

**COATING:** Natural Latex

**GRIP:** Rough

✦: Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 6 dozen per case.

REF.	SIZE
S-TEX303	7/S
S-TEX303	8/M
S-TEX303	9/L
S-TEX303	10/XL



# CHEMICAL PROTECTION

To protect the hands from direct contact with oils, hydrocarbons, acids and corrosive substances, we provide the solutions to whatever conditions you may be working in. Our chemical resistance guide and website [www.chemrest.com](http://www.chemrest.com) features chemical permeation and testing information for over 300 individual chemicals.



- 68. Nitrile
- 74. Biodegradable Nitrile
- 76. Neoprene
- 80. Natural Latex
- 81. PVC
- 84. Butyl
- 86. Viton







“In a couple of clicks I can find exactly what I am looking for!”  
 - **Gloria from TN**

“ChemRest has the largest chemical data base that I have ever seen!”  
 - **Isaac from NY**



# KNOW YOU'RE PROTECTED

**NO ASSUMPTIONS ARE ALLOWED WHILE DEALING WITH HAZARDOUS CHEMICALS.**

The risks associated with chemical substances are numerous and their contact with the skin can cause burns, dermatitis, irritation and intoxication. The skin can be greatly damaged by such contact and wearing gloves is the only barrier that prevents hazardous contact with chemicals.

## FIND THE RIGHT GLOVE

ChemRest.com is the world's first free, comprehensive chemical resistant research guide for hand protection. It features a user-intuitive navigation, an enhanced chemical search and the ability to compare various gloves against each other. Around the world, safety professionals can benefit from:

- 1 A user-friendly chemical directory with 300 chemicals available**
- 2 Free (on demand) testing for additional chemicals**
- 3 Access to expert chemical data and resources in one place**
- 4 Dedicated technical support**
- 5 Cost-effective hand protection solution thanks to the accurate chemical glove selection and recommendations**



# HOW TO USE CHEMREST



## STEP 1:

Visit ChemRest.com. Then select your location and language.



## STEP 2:

Search for either 1) the chemical name or CAS number you are interested in or 2) the glove you are using.



## STEP 3:

Select the chemical, product, or CAS and hit search (multiple chemicals can be selected at once).



## STEP 4:

See results for the related chemical information and the breakthrough time that it will take the selected chemical to reach your hand through the glove.



## STEP 5:

Register for your free account and download your chemical data.

**30%** of hand injuries are caused by wearing the wrong glove

U.S. Bureau of Labor Statistics 2012

See how ChemRest makes finding the right glove easy and convenient.

Visit [www.ChemRest.com](http://www.ChemRest.com) or call our chemical experts on +1 800 241 0323







# NITRILE



## SHOWA 707D

Unsupported nitrile with tractor tread finish, unlined

**BENEFITS: Tactile feel retained for optimal dexterity**

- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Tractor tread grip for assured grip
- Semi-disposable; can be used once or re-used
- Easy to put on and remove, lint-free, dust-free
- A thin, light glove with a "second skin" feel
- Designed for easy movement and extended wear
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Food handling  
Chemical  
Laboratory and pharmaceutical  
Cleaning

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile  
**THICKNESS:** 9 mil  
**GRIP:** Embossed  
✦: Food safe approved  
**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
707D	6/XS	12"
707D	7/S	12"
707D	8/M	12"
707D	9/L	12"
707D	10/XL	12"
707D	11/XXL	12"



## SHOWA 707FL

Cotton flock lined, nitrile gauntlet with tractor tread finish

**APPLICATIONS:**

Food handling  
Chemical sampling  
Laboratory and pharmaceutical  
Cleaning

**FEATURES**

**LINER:** Cotton flocked  
**COATING:** Nitrile  
**THICKNESS:** 11 mil  
**GRIP:** Embossed  
✦: Food safe approved  
**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
707FL	6/XS	12"
707FL	7/S	12"
707FL	8/M	12"
707FL	9/L	12"
707FL	10/XL	12"
707FL	11/XXL	12"



## SHOWA ATLAS 720

Full nitrile coating, with extra nitrile coating on the hand over polyester/nylon liner

**BENEFITS: Optimal dexterity with high chemical resistance**

- A fine, supple glove
- Rough finish offering high chemical resistance and excellent resistance to abrasion
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Optimized grip for tasks that require manual exertion and complete control over tools
- A light, elastic low-lint glove, resistant to deformation
- Seamless knit designed to prevent irritation
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Chemical industry  
Alkaline components  
Construction  
Painting  
Petrochemical

**FEATURES**

**LINER:** Seamless knit polyester/nylon  
**COATING:** Nitrile  
**GRIP:** Rough  
✦: Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
720	7/S	12"
720	8/M	12"
720	9/L	12"
720	10/XL	12"
720	11/XXL	12"



SHOWA  
**NM11**

Unsupported, unlined,  
100% nitrile

**BENEFITS:**

- Ergonomically designed forms to reduce fatigue and enhance comfort
- 21 CFR / FDA compliant for direct food contact
- Flexible, low-modulus glove
- Nitrile strength, durability and chemical resistance
- Embossed finish gives a vice-like grip in wet and dry situations
- Helps channel away hazardous chemicals from the surface of the glove
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Chemical spray and treatment  
Handling plants and vegetables  
Light chemical handling in agriculture, horticulture  
Biotechnology  
Cytostatic  
Life sciences  
Pharmaceuticals and API  
Food packing and handling  
Food Service/Food Prep  
Fruit & vegetable processing  
Poultry, meat & seafood processing  
Sanitation and dishwashing  
Washing & cleaning

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile  
**THICKNESS:** 11 mil  
**GRIP:** Embossed  
**PACKAGING:** 12 pair per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
NM11	6/XS	13"
NM11	7/S	13"
NM11	8/M	13"
NM11	9/L	13"
NM11	10/XL	13"
NM11	11/XXL	13"



SHOWA  
**NM15/FL**

Unsupported, 100% nitrile

**BENEFITS:**

- 21 CFR / FDA compliant for direct food contact
- Flexible, low-modulus glove
- Nitrile strength, durability and chemical resistance
- Embossed tractor-tread finish gives a vice-like grip in wet and dry situations
- Helps channel away hazardous chemicals from the surface of the glove
- Ergonomically designed forms to reduce fatigue and enhance comfort
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Chemical spray and treatment  
Handling plants and vegetables  
Light chemical handling in agriculture, horticulture  
Food packing and handling  
Food Service/Food Prep  
Fruit & vegetable processing  
Poultry, meat & seafood processing  
Sanitation and dishwashing  
Washing & cleaning

**FEATURES**

**LINER:** NM15 - Unlined / NM15FL - Flock-lined  
**COATING:** Nitrile  
**THICKNESS:** 15 mil  
**GRIP:** Embossed  
**PACKAGING:** 12 pair per polybag.  
12 dozen per case.

REF.	SIZE	REF.	SIZE	LENGTH
NM15	7/S	NM15FL	6/XS	13"
NM15	8/M	NM15FL	7/S	13"
NM15	9/L	NM15FL	8/M	13"
NM15	10/XL	NM15FL	9/L	13"
NM15	11/XXL	NM15FL	10/XL	13"
		NM15FL	11/XXL	13"



SHOWA ATLAS  
**772**

Full nitrile coating, with extra nitrile coating on the hand over cotton/polyester liner with extended sleeve and elasticated border

**APPLICATIONS:**

Chemical handling  
Oil-based applications  
Petrochemical  
Alkaline components

**FEATURES**

**LINER:** Cut and sewn cotton/polyester  
**COATING:** Nitrile  
**GRIP:** Rough  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** Individually packaged.  
6 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
772	7/S	26"
772	8/M	26"
772	9/L	26"
772	10/XL	26"





# SHOWA 708

FOOD-SAFE  
AMBIDEXTROUS  
NITRILE GLOVES

## LIKE A FISH TO WATER!


SHOWA 708 HYBRID TAKES YOU  
WHERE SAFETY AND COMFORT MEET

**At SHOWA we strive to protect what's important, which is why we've introduced the SHOWA 708: a lightweight and strong nitrile glove specifically designed to combat the risks within the food sector, keeping products safe from contamination and hands safe from harm.**

The special organic formulation makes SHOWA 708 safe for contact with all food categories in short term repeated contact situations. The glove is liquid proof and ideal for use with fatty and oily foods. It conforms to the shape of the hand, creating a comfortable second-skin feeling for extended use during precise manual operations. Due to its increased thickness and nitrile properties, the 708 provides exceptional resistance to tears and chemicals. The grip pattern creates a webbing that runs through the glove, reinforcing the strength and durability. The winning combination of exceptional grip, durability and mild material properties makes manual tasks within the food industry using SHOWA 708 comfortable and much safer for both the wearer as well as the product that is being handled.

### WHY IS BLUE IMPORTANT?

According to Hazard Analysis and Critical Control Points practices, PPE gloves in food handling should be blue because the color is not found in food. This means that any broken piece can be identified immediately, thus eliminating risk of contamination.



SUPERIOR  
FISH SCALE  
GRIP

EXTRA  
STRENGTH  
AGAINST  
TEARS



# SPECS

For professionals working in food handling processes who need strong grip in wet and fatty food environments while eliminating food contamination, our SHOWA 708 is a food-safe blue ambidextrous nitrile glove with a patented grip far superior to traditional single-use gloves. The 0.23mm thickness and unique fish scale pattern provides exceptional durability against wear and tear, while maintaining optimum dexterity and grip with fatty foods.

This SHOWA 708 nitrile hybrid glove, unlike latex and vinyl, has a high chemical resistance, is non-allergen and provides both hands and products excellent protection against food processing risks.

## BENEFITS:

- + Superior fish scale grip inside and out for safer, extended handling in messy wet and oily conditions
- + Fingertip and inner-thumb texturing provides user with excellent grip and tactility to prevent accidents and unintended damage while reducing hand fatigue
- + High dexterity makes the glove suitable for use with all food categories in situations where there is short term, repeated contact
- + Unflocked to prevent the risk of food contamination
- + Thicker nitrile compound provides exceptional resistance to chemicals
- + Webbing in the glove from the grip pattern provides extra strength against tears
- + Ambidextrous ergonomic shape for quick and easy donning and waste reduction
- + Lightweight with stretch formula nitrile provides a comfortable, second-skin feeling
- + Beaded cuff adds to tear resistance and prevents droplets beyond the glove
- + Blue color allows immediate identification of broken pieces, eliminating any risk of contamination (as per HACCP)
- + Fully compatible with other PPE, such as uncoated cut resistant gloves

## FEATURES:

- + Fish scale pattern grip
- + Food-safe organic formulation and blue color
- + Ambidextrous
- + 100% nitrile, latex-free and unflocked
- + Beaded cuff
- + Liquid-proof
- + 12" long and 9mil thick
- + Strong chemical resistance EN ISO 374-1 : JKOPT
- + 24 pair per polybag. 10 polybags per case.
- + 21 CFR / FDA compliant for direct food contact

## APPLICATIONS:

- Poultry, meat & seafood processing
- Dairy production
- Fruit & vegetable processing
- Food packing and handling
- Sanitation and dishwashing
- Bakeries & delicatessens
- Agriculture
- Catering and food service
- Drink production and handling
- Grain, mill and starch products
- Janitorial/Cleaning
- Light assembly of oil-coated pieces

## AVAILABLE SIZES

REF.	SIZE	LENGTH
708	7/S	12"
708	8/M	12"
708	9/L	12"
708	10/XL	12"
708	11/XXL	12"
708	12/XXXL	12"





# NITRILE



SHOWA

## 717

Unsupported, full nitrile coating with bisque finish

### BENEFITS:

- Provides chemical resistance against a broad range of solvents, oils, animal fats and other chemicals
- Mechanical resistance
- Bisque finish grip makes wet work easier and safer
- Ergonomic design maximizes comfort
- 21 CFR / FDA compliant for direct food contact

### APPLICATIONS:

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops  
Washing & cleaning

### FEATURES

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 11 mil

**GRIP:** Bisque

**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
717	6/XS	13"
717	7/S	13"
717	8/M	13"
717	9/L	13"
717	10/XL	13"
717	11/XXL	13"



SHOWA

## 727

Unsupported, full nitrile coating with bisque finish

### BENEFITS: Tactile feel retained for optimal dexterity

- Provides good mechanical protection and chemical resistance against a broad range of solvents, oils, animal fats and other chemicals
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- The bisque finish offers a good grip and secure handling
- Wrist well protected
- Designed for easy movement and extended wear
- A thin, light glove with a "second skin" feel
- Chlorinated
- Not contain silicones
- 21 CFR / FDA compliant for direct food contact

### APPLICATIONS:

Public sector  
Solvent  
Automotive  
Chemical  
Oil-based

### FEATURES

**LINER:** Unsupported

**COATING:** Nitrile

**THICKNESS:** 15 mil

**GRIP:** Bisque

**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
727	6/XS	13"
727	7/S	13"
727	8/M	13"
727	9/L	13"
727	10/XL	13"
727	11/XXL	13"



SHOWA

## 730

Unsupported full nitrile coating with bisque finish over cotton flocked liner

### APPLICATIONS:

Public sector      Chemical  
Solvent              Oil-based  
Automotive

### FEATURES

**LINER:** Unsupported, cotton flocked

**COATING:** Nitrile, not chlorinated

**THICKNESS:** 15 mil

**GRIP:** Bisque

**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
730	6/XS	13"
730	7/S	13"
730	8/M	13"
730	9/L	13"
730	10/XL	13"
730	11/XXL	13"





SHOWA  
**737**

Unsupported, nitrile coating with bisque finish

**APPLICATIONS:**

Public sector      Chemical  
Solvent              Oil-based  
Automotive

**FEATURES**

**LINER:** Unsupported  
**COATING:** Nitrile  
**THICKNESS:** 22 mil  
**GRIP:** Bisque  
**PACKAGING:** 6 pair per polybag.  
6 dozen per case.

REF.	SIZE	LENGTH
737	7/S	15"
737	8/M	15"
737	9/L	15"
737	10/XL	15"
737	11/XXL	15"



SHOWA  
**747**

Unsupported, full nitrile coating with bisque finish

**APPLICATIONS:**

Public sector      Chemical  
Solvent              Oil-based  
Automotive

**FEATURES**

**LINER:** Unsupported  
**COATING:** Nitrile  
**THICKNESS:** 22 mil  
**GRIP:** Bisque  
**PACKAGING:** 6 pair per polybag.  
6 dozen per case.

REF.	SIZE	LENGTH
747	7/S	19"
747	8/M	19"
747	9/L	19"
747	10/XL	19"
747	11/XXL	19"



SHOWA  
**379**

Dual nitrile coating technology, fully dipped with extra nitrile foam coating finish over polyester liner

**BENEFITS: Advanced chemical protection with grip performance**

- Enhanced chemical protection
- Nitrile coating provides protection from chemicals, oils, hydrocarbons, grease and hexavalent chromium found in concrete
- Foamed nitrile finish provides excellent grip performance and prevents slipping
- A flexible, robust glove offering good resistance to abrasion
- EN 374-3 Chemical protection certified
- Unique design for fit and dexterity
- Seamless knit designed to prevent irritation
- No latex allergy risks

**APPLICATIONS:**

Chemical                      Petrochemical  
Construction              Oil & Gas  
Maritime sector              Refining

**FEATURES**

**LINER:** 13 gauge seamless knit polyester/cotton  
**COATING:** Nitrile/foam nitrile  
**GRIP:** Foam  
✦ Ergonomic design hand mold that replicates the natural curves  
**PACKAGING:** 12 pairs per polybag.  
6 dozen per case

REF.	SIZE	LENGTH
379	8/M	12"
379	9/L	12"
379	10/XL	12"
379	11/XXL	12"







# BIODEGRADABLE NITRILE



SHOWA  
**NSK26**

Full nitrile coating with rough finish over cotton/polyester jersey liner with extended sleeve and elasticated border

**BENEFITS:**

- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Food handling    Fishing  
 Chemical        Agriculture  
 Oil-based        Petrochemical

**FEATURES**

**LINER:** Cut and sewn cotton/polyester

**COATING:** Nitrile

**GRIP:** Rough

✦: Extended protection to the shoulder

**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
NSK26	8/S	26"
NSK26	9/M	26"
NSK26	10/L	26"
NSK26	11/XL	26"



SHOWA  
**707HVO**

Unsupported, unlined, biodegradable nitrile engineered with EBT technology

**BENEFITS:**

- Protects against oils, hydrocarbons, grease, and abrasion
- Fluorescent orange color increases visibility
- Long-lasting grip
- Impermeable for working in damp or greasy environments
- Cuff prevents dirt from entering the glove
- Easy to put on and remove
- Lint-free and dust-free
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Chemical  
 Food  
 Janitorial  
 Laboratory  
 Municipal Services  
 Pharmaceutical

**FEATURES**

**LINER:** Unsupported

**COATING:** Biodegradable nitrile

**THICKNESS:** 9 mil

**GRIP:** Bisque finish

✦: Food safe approved

**PACKAGING:** 12 pairs per polybag. 12 dozen per case.

REF.	SIZE	LENGTH
707HVO	6/XS	12"
707HVO	7/S	12"
707HVO	8/M	12"
707HVO	9/L	12"
707HVO	10/XL	12"
707HVO	11/XXL	12"



SHOWA  
**728/731**

Unsupported, Biodegradable nitrile coating (EBT) with bisque finish

**BENEFITS: Chemical protection engineered with Eco Best Technology®**

- High protection against solvents and acids
- Impermeable for working in wet, greasy and oily environments
- Environmentally friendly: world's first biodegradable chemical resistant glove
- Bisque finish provides better grip
- Excellent precision for handling small parts
- Product biodegrades when placed in an active landfill due to EBT technology
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Petrochemical    Agriculture  
 Manufacturing    Janitorial  
 Refinery operations    Automotive

**FEATURES**

**LINER:** 731 Cotton flocked/728 - Unlined

**COATING:** Biodegradable Nitrile

**THICKNESS:** 15 mil

**GRIP:** Bisque

**PACKAGING:** 12 pairs per polybag. 12 dozen per case.

REF.	SIZE	LENGTH
728/731	6/XS	13"
728/731	7/S	13"
728/731	8/M	13"
728/731	9/L	13"
728/731	10/XL	13"
728/731	11/XXL	13"



SHOWA  
**NSK24**

Biodegradable (EBT) nitrile coating with rough finish over cotton/polyester jersey liner

**BENEFITS:**

- Double nitrile coating provides an excellent chemical and abrasion resistance to the forearm (350mm long)
- Nitrile protects the hand from oils, hydrocarbons and grease penetration
- Impermeable for working in damp or greasy environments
- Provides easy movement and extended wear
- Cotton liner absorbs perspiration and adds comfort
- Seamless knit designed to prevent irritation
- No latex allergy risks
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Food            Fishing  
 Chemical    Agriculture  
 Oil-based    Petrochemical

**FEATURES**

**LINER:** Cut and sewn cotton/polyester

**COATING:** Biodegradable nitrile

**GRIP:** Rough

✦: Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
NSK24	8/S	14"
NSK24	9/M	14"
NSK24	10/L	14"
NSK24	11/XL	14"



# PROTECTION AND PRESERVATION IN ONE

Sustainability isn't just a commitment - it's part of SHOWA's legacy.

Our revolutionary Eco Best Technology (EBT) is the innovation that gave rise to the world's first biodegradable nitrile glove. EBT uses organic materials that accelerate the biodegradation of nitrile in active landfills.

**BIODEGRADABLE  
IN 1-5 YEARS**

**REDUCED  
ENVIRONMENTAL IMPACT**

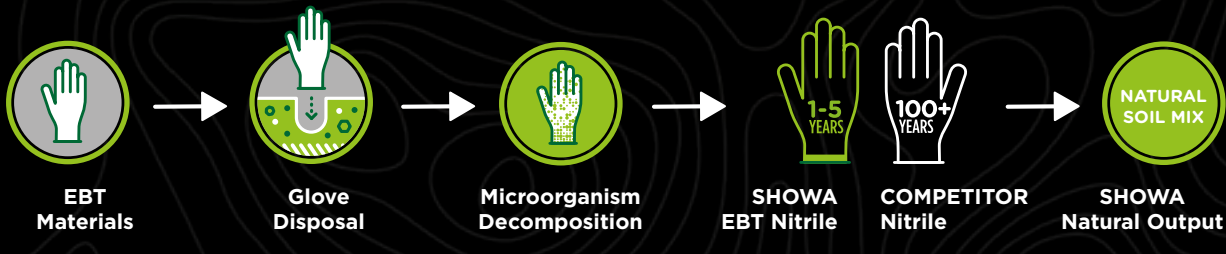
TESTED **ASTM D5526** **ASTM D5511**

REGULAR NITRILE      SHOWA EBT

**100+ YEARS**      **1-5 YEARS**

SAME PERFORMANCE,  
QUICKER DEGRADATION\*

## BIODEGRADATION PROCESS



## MAKE THE COMPARISON



Paper  
**2-5 months**



Orange or  
Banana peels  
**2-6 months**



Cotton T-shirt  
**6 months**



SHOWA EBT  
nitrile gloves  
**1-5 years**



Plastic-coated  
paper cartons  
**5 years**



Leather glove  
**50 years**



Tin cans  
**80-100 years**



Traditional disposable  
nitrile gloves  
**100+ years**



Plastic bags  
**500+ years**



Glass bottle  
**4000+ years**

GENERAL PURPOSE | IMPACT | CUT | **CHEMICAL** | INSULATED | SINGLE USE

\* when disposed in active landfills. Actual time may vary depending on climate and location of disposal.



# NEOPRENE



SHOWA

## CHM

Unsupported Natural Latex/  
neoprene coating with  
embossed grip over cotton  
flocked liner

**BENEFITS: Double dipped for long  
lasting resistance**

- Resistant to a broad range of chemicals, this glove features a neoprene-over-Natural Latex latex layering that also provides excellent abrasion, tear and puncture resistance
- Impermeable for working in damp or greasy environments
- A self-flushing tractor-tread grip encourages the run off of fluids enhancing grip effectiveness
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Petrochemical  
Chemical industry  
Janitorial  
Automotive

**FEATURES**

**LINER:** Cotton flocked

**COATING:** Neoprene on Natural Latex

**THICKNESS:** 26 mil

**GRIP:** Embossed

**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
CHM	7/S	12"
CHM	8/M	12"
CHM	9/L	12"
CHM	10/XL	12"



SHOWA

## CHMY

Unsupported Natural Latex/  
neoprene coating with  
embossed grip over cotton  
flocked liner

**BENEFITS: Double dipped for long  
lasting resistance**

- Resistant to a broad range of chemicals, this glove features a neoprene-over-Natural Latex latex layering that also provides excellent abrasion, tear and puncture resistance
- Impermeable for working in damp or greasy environments
- A self-flushing tractor-tread grip encourages the run off of fluids enhancing grip effectiveness

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops  
Drilling

**FEATURES**

**LINER:** Cotton flocked

**COATING:** Neoprene on Natural Latex

**THICKNESS:** 22 mil

**GRIP:** Embossed

**PACKAGING:** 12 pairs per polybag.  
12 dozen per case.

REF.	SIZE	LENGTH
CHMY	7/S	12"
CHMY	8/M	12"
CHMY	9/L	12"
CHMY	10/XL	12"







SHOWA  
**3415**

Full neoprene coating over polyester liner

**BENEFITS: Flexible Neoprene coating with rough particle finish**

- Innovative neoprene coating offers great flexibility, comfort and dexterity
- Fully coated neoprene gauntlet
- Rough particle finish offers good resistance to abrasion
- Seamless knit designed to prevent irritation
- Low-soil color
- No latex allergy risks

**APPLICATIONS:**

Solvents & Caustics  
Small parts handling  
Refining operations  
Offshore  
Oil & Gas

**FEATURES**

**LINER:** 15 gauge seamless knit polyester

**COATING:** Neoprene

**GRIP:** Rough

✚ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
3415	8/S	14"
3415	9/M	14"
3415	10/L	14"
3415	11/XL	14"



SHOWA  
**3416**

Full neoprene coating over engineered cut resistant liner

**BENEFITS:**

- Neoprene protects against a wide range of chemicals including acids, caustics, solvents, greases and oils
- EN 374-3 chemical protection certified
- Flexible neoprene coating provides great comfort and dexterity
- Rough particle finish offers good resistance to abrasion
- SHOWA 3416 offers cut protection ANSI Cut Level A5
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Metallurgy  
Chemical bases, acids  
Petrochemical  
Recycling

**FEATURES**

**LINER:** 13 gauge seamless knit HPPE

**COATING:** Neoprene

**GRIP:** Rough

✚ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
3416	8/S	14"
3416	9/M	14"
3416	10/L	14"
3416	11/XL	14"

**CHEMICAL RESISTANCE GUIDE**  
**SHOWA 3415 AND 3416**

CHEMICAL AGENT	CAS Number	TTP
ACETONE	67-64-1	15
ACETALDEHYDE	75-07-0	9
BENZENE	71-43-2	23
BUTANONE	78-93-3	16
BUTANONE OXIME	96-29-7	>480
CYCLOHEXANOL	108-93-0	>480
CYCLOHEXANONE	108-94-1	107
CYCLOHEXANE	110-82-7	146
DIBK	108-83-8	103
ETHANOL	64-17-5	>480
HEPTANE	142-82-5	>480
HEXANE	110-54-3	>480
HYDROCHLORIC ACID, 37%	7647-01-0	>480
HYDROFLUORIC ACID, 48%	7664-39-3	>480
ISOPROPYL ALCOHOL	67-63-0	>480
MEK	78-93-3	16
METHANOL	67-56-1	230
METHYL ETHYL KETONE	78-93-3	16
METHYL ISOPROPYL KETONE	563-80-4	12
METHYLENE CHLORIDE	75-09-2	8
OLEUM	8014-95-7	180
PENTANE	109-66-0	332
PHENOL	108-95-2	400
SODIUM HYDROXIDE, 50%	1310-73-2	>480
SULFURIC ACID, 96%	7664-93-9	285
TETRACHLOROETHYLENE	127-18-4	103
TOLUENE	108-88-3	4
TOLUENE DIISOCYANATE	584-84-9	23
XYLENE	1330-20-7	51



# NEOPRENE



SHOWA

## 5122

Full neoprene coating with knit wrist

**BENEFITS:**

- Cotton liner helps keep you cool and comfortable in hot conditions or warm in cold conditions
- Provides protection against acids, caustics, oils, greases and many solvents
- Excellent all-around protection against physical hazards such as abrasion and cut
- Rough finish is excellent for applications where a good wet grip is required
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Assembly dry and oily parts  
Deck crew

**FEATURES**

**LINER:** Cotton  
**COATING:** Neoprene  
**GRIP:** Smooth  
**PACKAGING:** 6 dozen per case

REF.	SIZE
5122	10/L



SHOWA

## 6780/R

Full neoprene coating with cotton liner

**BENEFITS:**

- Cotton liner helps keep you cool and comfortable in hot conditions or warm in cold conditions
- Provides protection against acids, caustics, oils, greases and many solvents
- Excellent all-around protection against physical hazards such as abrasion and cut
- Rough finish is excellent for applications where a good wet grip is required
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Assembly dry and oily parts  
Deck crew

**FEATURES**

**LINER:** Cotton  
**COATING:** Neoprene  
**GRIP:** 6780 - Smooth / 6780R - Rough  
**PACKAGING:** 6 dozen per case

REF.	SIZE	LENGTH
6780	10/L	12"
6780R	10/L	12"



SHOWA

## 6784/R

Full neoprene coating with cotton liner

**BENEFITS:**

- Cotton liner helps keep you cool and comfortable in hot conditions or warm in cold conditions
- Provides protection against acids, caustics, oils, greases and many solvents
- Excellent all-around protection against physical hazards such as abrasion and cut
- Rough finish is excellent for applications where a good wet grip is required
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Biotechnology  
Cytostatic  
Life sciences  
Pharmaceuticals and API

**FEATURES**

**LINER:** Cotton  
**COATING:** Neoprene  
**GRIP:** 6784 - Smooth / 6784R - Rough  
**PACKAGING:** 3 dozen per case

REF.	SIZE	LENGTH
6784	10/L	14"
6784R	10/L	14"



SHOWA

## 6797/R

Full neoprene coating with cotton liner

**BENEFITS:**

- Extended-arm protection
- Provides protection against acids, caustics, oils, greases and many solvents
- Excellent all-around protection against physical hazards such as abrasion and cut
- Cotton liner helps keep you cool and comfortable in hot conditions or warm in cold conditions
- 21 CFR / FDA compliant for direct food contact

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops

**FEATURES**

**LINER:** Cotton  
**COATING:** Neoprene  
**GRIP:** 6797 - Smooth / 6797R - Rough  
**PACKAGING:** 3 dozen per case

REF.	SIZE	LENGTH
6797	10/L	18"
6797R	10/L	18"



SHOWA

# 6780-20

Full neoprene coating with cotton flannel liner, 12" gauntlet with 20" sewn-on nitrile-laminated sleeve

**BENEFITS:**

- Full arm protection
- Provides protection against acids, caustics, oils, greases and many solvents
- Excellent all-around protection against physical hazards such as abrasion and cut
- Cotton liner helps keep you cool and comfortable in hot conditions or warm in cold conditions

**APPLICATIONS:**

Chemical spray and treatment  
 Coating preparation  
 Laboratory, Pharma & Analysis  
 Painting & spray workshops  
 Drilling  
 Pipe Fitters

**FEATURES**

**LINER:** Cotton flannel  
**COATING:** Neoprene  
**GRIP:** Smooth  
**PACKAGING:** Sold by the pair

REF.	SIZE	LENGTH
6780-20	10/L	32"



SHOWA

# 6731

Multi-dipped, liquid-proof neoprene coating with cotton flannel liner

**BENEFITS:**

- Full arm protection
- Ideal for chemical manufacturers, labs and pollution control workplaces
- Ergonomically designed sleeves that contour to the arm and shoulder joint
- Grommet for securely attaching to sleeves, aprons or other PPE

**APPLICATIONS:**

Chemical spray and treatment  
 Coating preparation  
 Laboratory, pharma & analysis  
 Painting & spray workshops  
 Washing & cleaning  
 Deck crew  
 Drilling  
 Fracking

**FEATURES**

**LINER:** Cotton flannel  
**COATING:** Neoprene  
**GRIP:** Smooth  
**PACKAGING:** Individually packaged. Sold by the pair.

REF.	SIZE	LENGTH
6731	10/L	31"



SHOWA

# 723

Neoprene coating with cotton flock lining, embossed grip

**BENEFITS:**

- Excellent protection from a wide range of oils and chemicals that degrade Natural Latex
- Resists the effects of heat, sunlight, ozone and aging
- Provides good protection against abrasion, cut and puncture
- Embossed finish assures a firm grip, wet or dry
- Flock lining absorbs perspiration, allowing for easier donning and doffing

**APPLICATIONS:**

Chemical spray and treatment  
 Light chemical handling in agriculture, horticulture  
 Coating preparation  
 Laboratory, pharma & analysis  
 Painting & spray workshops  
 Washing & cleaning

**FEATURES**

**LINER:** Cotton flocked  
**COATING:** Neoprene  
**THICKNESS:** 24 mil  
**GRIP:** Embossed  
**PACKAGING:** 12 pairs per polybag. 12 dozen per case.

REF.	SIZE	LENGTH
723	7/S	13"
723	8/M	13"
723	9/L	13"
723	10/XL	13"





# NATURAL LATEX



SHOWA  
**700**

Natural Latex coating with flock lining

**BENEFITS:**

- 21 CFR / FDA compliant for direct food contact
- Excellent tactile sensitivity
- Exceptional tensile strength
- Good tear and puncture resistance
- Pairs are individually polybagged for your convenience

**APPLICATIONS:**

Chemical spray and treatment  
 Handling plants and vegetables  
 Light chemical handling in agriculture, horticulture  
 Food packing and handling  
 Food Service/Food Prep  
 Pet Food production  
 Poultry, meat & seafood processing

**FEATURES**

**LINER:** Cotton-flock  
**COATING:** Natural Latex  
**THICKNESS:** 21 mil  
**GRIP:** Bisque  
**PACKAGING:** Individually packaged.  
 12 pairs per polybag. 12 dozen per case.

REF.	SIZE	LENGTH
700	7/S	12"
700	8/M	12"
700	9/L	12"
700	10/XL	12"



SHOWA  
**709**

Natural Latex coating, unlined

**BENEFITS:**

- Excellent tactile sensitivity
- Exceptional tensile strength
- Good tear and puncture resistance
- Pairs are individually polybagged for your convenience

**APPLICATIONS:**

Chemical spray and treatment  
 Light chemical handling in agriculture, horticulture  
 Coating preparation  
 Food packing and handling  
 Food Service/Food Prep  
 Pet Food production

**FEATURES**

**LINER:** Unlined  
**COATING:** Natural Latex  
**THICKNESS:** 18 mil  
**GRIP:** Bisque  
**PACKAGING:** Individually packaged.  
 12 pairs per polybag. 12 dozen per case.

REF.	SIZE	LENGTH
709	7/S	12"
709	8/M	12"
709	9/L	12"
709	10/XL	12"



SHOWA  
**574**

Natural Latex coating, unlined

**BENEFITS:**

- Liquid-proof protection against acids, caustics and dyestuffs
- Heavy duty resistance ideal for deep-tank plating and agricultural applications

**APPLICATIONS:**

Chemical spray and treatment  
 Coating preparation  
 Laboratory, pharma & analysis  
 Painting & spray workshops  
 Public utility  
 Washing & cleaning  
 Drilling  
 Plumbing  
 Water/Sewage treatment

**FEATURES**

**LINER:** Unlined  
**COATING:** Natural Latex  
**THICKNESS:** 46 mil  
**GRIP:** Bisque  
**PACKAGING:** Individually packaged.  
 6 pairs per polybag. 3 dozen per case.

REF.	SIZE	LENGTH
574	10/XL	23"
574	11/XXL	23"

# PVC



SHOWA  
**7703R**

PVC coated with cotton jersey liner, knit wrist

**BENEFITS:**

- One of the most durable work gloves available
- Provides workers barrier protection from chemicals, oil and grease
- Provides abrasion resistance
- Versatile and durable

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops  
Washing & cleaning

**FEATURES**

**LINER:** Cotton Jersey  
**COATING:** PVC  
**GRIP:** Rough  
**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE
7703R	10/L



SHOWA  
**7710/R**

PVC coated with cotton jersey liner, gauntlet

**BENEFITS:**

- One of the most durable work gloves available
- Provides workers barrier protection from chemicals, oil and grease
- Provides abrasion resistance
- Versatile and durable

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops  
Washing & cleaning

**FEATURES**

**LINER:** 7710 - Cotton / 7710R - Cotton Jersey  
**COATING:** PVC  
**GRIP:** 7710 - Smooth / 7710R Rough  
**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
7710	10/L	10"
7710R	10/L	10"



SHOWA  
**7712/R**

PVC coated with cotton jersey liner, gauntlet

**BENEFITS:**

- One of the most durable work gloves available
- Provides workers barrier protection from chemicals, oil and grease
- Provides abrasion resistance
- Versatile and durable

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops  
Washing & cleaning

**FEATURES**

**LINER:** 7712 - Cotton / 7712R - Cotton Jersey  
**COATING:** PVC  
**GRIP:** 7712 - Smooth / 7712R Rough  
**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
7712	10/L	12"
7712R	10/L	12"



SHOWA  
**7714/R**

PVC coated with cotton jersey liner, gauntlet

**BENEFITS:**

- One of the most durable work gloves available
- Provides workers barrier protection from chemicals, oil and grease
- Provides abrasion resistance
- Versatile and durable

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops  
Assembly dry and oily parts  
Maintenance  
Washing & cleaning  
Public utility

**FEATURES**

**LINER:** 7714 - Cotton / 7714R - Cotton Jersey  
**COATING:** PVC  
**GRIP:** 7714 - Smooth / 7714R Rough  
**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
7714	10/L	14"
7714R	10/L	14"



# PVC



SHOWA ATLAS

## 620

Full PVC coating, extra PVC coating on the entire hand over cotton liner, long cuffs

**BENEFITS: Flexible chemical resistant glove**

- PVC seals and protects the hand against chemicals while remaining flexible
- Impermeable for working in damp or greasy environments
- Rough finish enable to grip objects securely
- Provides good mechanical resistance
- Excellent level of dexterity and tactility
- Designed for easy movement and extended wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Maritime sector  
Painting  
Construction  
Chemical industry

**FEATURES**

**LINER:** Seamless knit cotton

**COATING:** PVC

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
620	7/S	12"
620	8/M	12"
620	9/L	12"
620	10/XL	12"
620	11/XXL	12"



SHOWA ATLAS

## 640

Full PVC coating, extra PVC coating on the entire hand over cotton liner, with extended bonded sleeve, elasticated border and eyelet for ventilation and hanging

**APPLICATIONS:**

Maritime sector  
Painting  
Construction  
Chemical industry

**FEATURES**

**LINER:** Seamless knit cotton

**COATING:** PVC

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** Individually packaged. 1 dozen per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
640	8/M	26"
640	9/L	26"
640	10/XL	26"



SHOWA ATLAS

## 660

Full PVC coating with extra rough finish over cotton liner

**APPLICATIONS:**

Chemical industry	Painting
Construction	Public works
Fishing & agriculture	Petrochemical
Metallurgy	

**FEATURES**

**LINER:** Seamless knit cotton

**COATING:** PVC

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE	LENGTH
660	8/M	12"
660	9/L	12"
660	10/XL	12"
660	11/XXL	12"







SHOWA  
**B0700**

Unsupported  
PVC glove

**BENEFITS: Chemical protection with second skin feel**

- Ultra-thin, light glove with a “second skin” feel
- PVC seals and protects the hand against chemicals while remaining flexible
- Impermeable for working in damp or greasy environments
- Raised finished enables a secure grip on slippery objects
- Extended protection on the forearm
- Easy to put on and remove, lint-free, dust-free
- Designed for easy movement and extended wear
- Non-powdered, “slip-on” treatment

**APPLICATIONS:**

Pharmaceutical  
Healthcare  
Electronics

**FEATURES**

**LINER:** Unsupported

**COATING:** PVC

**THICKNESS:** 12mil

**GRIP:** Embossed

✚ Ergonomic design hand mold that replicates the natural curvature

**PACKAGING:** Individually packaged. 10 pair per polybag. 24 polybags per case.

REF.	SIZE	LENGTH
B0700	7/S	12”
B0700	8/M	12”
B0700	9/L	12”
B0700	10/XL	12”



SHOWA  
**660ESD**

Full PVC coating  
with extra PVC rough  
finish on the hand  
over cotton liner

**BENEFITS:**

- Protects objects from static electricity to avoid product damage and explosion
- PVC seals and protects the hand against chemicals while remaining flexible
- Impermeable for working in damp or greasy environments, enabling you to grip objects securely
- In accordance with EN 1149, surface resistivity 10<sup>8</sup> to 10<sup>9</sup>
- Wrist well protected
- Designed for easy movement and extended wear
- A flexible, soft glove that absorbs perspiration for comfort
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Petrochemical  
Automotive  
Refining  
Oil & Gas

**FEATURES**

**LINER:** Seamless knit cotton

**COATING:** PVC

**GRIP:** Rough

✚ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** Individually packaged. 10 pairs per polybag. 5 dozen per case.

REF.	SIZE	LENGTH
660ESD	9/L	12”
660ESD	10/XL	12”



## Chemical Terms and Processes to Note

### Permeation

The process by which a chemical moves through protective clothing materials at the molecular level. The passage of a liquid or gas through protective clothing consists of three steps; absorption, diffusion and desorption.

### Penetration

The process by which a substance moves through a closure, seam or pinhole in protective clothing on a non-molecular level.

### Breakthrough Time

The number of minutes from initial contact with a test chemical until it is first detected on the inside of the protective clothing measured using sensitive analytical testing. It is essentially the number of minutes until your skin is exposed inside the gloves or other protective clothing.

### Degradation

The deleterious change in one or more physical properties of a protective clothing material due to contact with a chemical. Degradation changes may include delaminating, discoloration, hardening or loss of tensile strength.

### Concentration

The amount or mass of a constituent divided by the total mass of a solution. Normally all Organic Solvents tested in this site are 100% pure. Acids and Caustics are solutions in water. In permeation testing of acids, in particular, the concentration will affect the breakthrough time. More concentrated acids will permeate sooner than dilutions.

### Heavy-Exposure

In permeation testing this term refers to constant total immersion of the protective clothing material in the test chemical which represents the worst type of heavy exposure. The ASTM F739 Test Standard and EN 374 European Test Standard refers to this type of exposure.

### Intermittent Exposure

ASTM F 1383 Standard Test Method for Permeation of Liquids or Gases through Protective Clothing Materials under Conditions of Intermittent Contact. SHOWA used a contact time of 1 minute where the glove material was fully immersed and 9 minutes of purge time where the glove material was unexposed to the chemical which was repeated for 240 minutes.



# BUTYL



SHOWA

## 874/R

Unlined, unsupported butyl coating

**BENEFITS: Acetone and ketone resistance**

- Butyl provides superior resistance to highly corrosive acids and is excellent for handling ketones and esters
- This synthetic rubber also provides the highest permeation resistance to gases and water vapors
- A thin, light glove with a “second skin” feel provides an excellent tactility and dexterity
- Cuff prevents dirt from entering the glove
- Designed for easy movement and extended wear

**APPLICATIONS:**

Chemical industry  
Acetone & ketone components  
Acid components  
Police & army  
Mustard gas protection

**FEATURES**

**LINER:** Unlined  
**COATING:** Butyl  
**THICKNESS:** 14 mil  
**GRIP:** 874 - Smooth / 874R - Rough  
**PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
874	874R 7/S	14"
874	874R 8/M	14"
874	874R 9/L	14"
874	874R 10/XL	14"
874	874R 11/XXL	14"



[NEW!]

SHOWA

## 875/R

Unlined, unsupported butyl coating

**APPLICATIONS:**

Chemical industry  
Acetone & ketone components  
Acid components  
Police & army  
Mustard gas protection

**FEATURES**

**LINER:** Unlined  
**COATING:** Butyl  
**THICKNESS:** 14 mil  
**GRIP:** 875 - Smooth / 875R - Rough  
**PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
875	875R 7/S	14"
875	875R 8/M	14"
875	875R 9/L	14"
875	875R 10/XL	14"
875	875R 11/XXL	14"



SHOWA

## 878/R

Unlined, unsupported butyl coating

**APPLICATIONS:**

Chemical spray and treatment  
Coating preparation  
Laboratory, pharma & analysis  
Painting & spray workshops  
Public utility  
Washing & cleaning  
Deck crew  
Drilling  
Pipe Fitters

**FEATURES**

**LINER:** Unlined  
**COATING:** Butyl  
**THICKNESS:** 28 mil  
**GRIP:** 878 - Smooth / 878R - Rough  
**PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
878	878R 8/M	14"
878	878R 9/L	14"
878	878R 10/XL	14"
878	878R 11/XXL	14"





SHOWA

# 879/R

Unlined, unsupported butyl coating

**BENEFITS: Acetone and ketone resistance**

- Butyl provides superior resistance to highly corrosive acids and is excellent for handling ketones and esters
- This synthetic rubber also provides the highest permeation resistance to gases and water vapors
- A thin, light glove with a “second skin” feel provides an excellent tactility and dexterity
- Cuff prevents dirt from entering the glove
- Designed for easy movement and extended wear

**APPLICATIONS:**

- Chemical spray and treatment
- Coating preparation
- Laboratory, pharma & analysis
- Painting & spray workshops
- Public utility
- Washing & cleaning
- Deck crew
- Drilling
- Pipe Fitters

**FEATURES**

- LINER:** Unlined
- COATING:** Butyl
- THICKNESS:** 28 mil
- GRIP:** 879 - Smooth / 879R - Rough
- PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
879 879R	8/M	14"
879 879R	9/L	14"
879 879R	10/XL	14"
879 879R	11/XXL	14"







# VITON



SHOWA

## 890

Unlined viton over butyl coating

**BENEFITS: PCB and hydrocarbon resistant**

- Heavy-duty yet flexible, viton gloves were developed for the highest chemical-resistance barrier to aromatic hydrocarbons such as benzene, toluene, xylene and to most chlorinated solvents and aliphatic hydrocarbons
- Protects the hand from a wide array of chemical hazards
- Impermeable for working in damp or greasy environments
- Cuff prevents dirt from entering the glove
- Designed for easy movement and extended wear
- A thin, light glove with a “second skin” feel
- No latex allergy risks

**APPLICATIONS:**

Petrochemical  
Chemical industry  
PCBs

**FEATURES**

**LINER:** Unlined

**COATING:** Viton over Butyl

**THICKNESS:** 28 mil

**GRIP:** Smooth

**PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
890	9/L	14"
890	10/XL	14"
890	11/XXL	14"



[NEW!]

SHOWA

## 891

Unlined, viton over butyl coating

**BENEFITS: PCB and hydrocarbon resistant**

- Heavy-duty yet flexible, viton gloves were developed for the highest chemical-resistance barrier to aromatic hydrocarbons such as benzene, toluene, xylene and to most chlorinated solvents and aliphatic hydrocarbons
- Protects the hand from a wide array of chemical hazards
- Impermeable for working in damp or greasy environments
- Cuff prevents dirt from entering the glove
- Designed for easy movement and extended wear
- A thin, light glove with a “second skin” feel
- No latex allergy risks

**APPLICATIONS:**

Petrochemical  
Chemical industry  
PCBs

**FEATURES**

**LINER:** Unlined

**COATING:** Viton over Butyl

**THICKNESS:** 28 mil

**GRIP:** Smooth

**PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
891	9/L	14"
891	10/XL	14"
891	11/XXL	14"





SHOWA  
**892**

Unlined viton over butyl coating

**APPLICATIONS:**  
Petrochemical  
Chemical industry  
PCBs

**FEATURES**  
**LINER:** Unlined  
**COATING:** Viton over Butyl  
**THICKNESS:** 12 mil  
**GRIP:** Smooth  
**PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
892	7/S	12"
892	8/M	12"
892	9/L	12"
892	10/XL	12"
892	11/XXL	12"



**[NEW!]**

SHOWA  
**893**

Unlined, viton over butyl coating

**BENEFITS: PCB and hydrocarbon resistant**

- Heavy-duty yet flexible, viton gloves were developed for the highest chemical-resistance barrier to aromatic hydrocarbons such as benzene, toluene, xylene and to most chlorinated solvents and aliphatic hydrocarbons
- Protects the hand from a wide array of chemical hazards
- Impermeable for working in damp or greasy environments
- Cuff prevents dirt from entering the glove
- Designed for easy movement and extended wear
- A thin, light glove with a "second skin" feel
- No latex allergy risks

**APPLICATIONS:**  
Petrochemical  
Chemical industry  
PCBs

**FEATURES**  
**LINER:** Unlined  
**COATING:** Viton over Butyl  
**THICKNESS:** 12 mil  
**GRIP:** Smooth  
**PACKAGING:** 1 pair per polybag

REF.	SIZE	LENGTH
893	7/S	12"
893	8/M	12"
893	9/L	12"
893	10/XL	12"
893	11/XXL	12"





# INSULATED

## COLD PROTECTION

The human body is in a comfortable situation when the heart is beating at a regular speed. This happens at a mean blood temperature of 98.6°F. Using the right cold protection equipment is not a luxury. It will protect the wearer against cold, blisters, slipping and under-cooling, while providing a satisfying level of comfort and protection.

- 90. Natural Latex
- 91. PVC
- 92. Nitrile
- 92. Polyurethane

## HEAT PROTECTION

Burns to the hand and forearm can result in irreparable scar tissue. Prevent pain and scars by protecting yourself with heat resistant gloves. Insulated gloves protect up to 500°F. SHOWA also offers protection to Arc Flash with SHOWA 240.

- 94. Neoprene
- 94. Sponge Neoprene







# COLD PROTECTION



SHOWA ATLAS

## 451

Natural Latex palm coating over acrylic/cotton/polyester liner

**BENEFITS: Multipurpose winter glove**

- A comfortable, flexible glove that is very pleasant to wear in cold weather
- Protects the hand in damp & wet environments
- Surface provides tactile feel and better grip
- Breathable back of hand to reduce perspiration and increase comfort
- Designed for easy movement and extended wear
- Seamless knit designed to prevent irritation

**APPLICATIONS:**

Agriculture	Construction
Garden work	Public works
Logistics	Warehousing
Automotive	Distribution

**FEATURES**

**LINER:** Seamless knit acrylic/cotton/polyester knit

**COATING:** Natural Latex

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 12 pair per polybag. 12 dozen per case

**REF. SIZE**

451	7/S
451	8/M
451	9/L
451	10/XL



SHOWA

## 95NFW

Fully coated Natural Latex with triple layered insulated liner

**BENEFITS:**

- Exclusive, induced self-wrinkle finish, which gives you a superior grip, wet or dry
- Unique triple-layer construction of foam insulation sandwiched between a layer of soft, 100% cotton jersey and 100% cotton interlock to lock out cold and seal in warmth
- Excellent cut, puncture and abrasion resistance and protection from chemicals

**APPLICATIONS:**

Washing & cleaning  
 Cutting roses and thorns  
 Pool /Pond Maintenance  
 Public utility  
 Shipping/Receiving

**FEATURES**

**LINER:** Cotton jersey

**COATING:** Natural Latex

**GRIP:** Rough

**PACKAGING:** 3 dozen per case

**REF. SIZE LENGTH**

95NFW	10/L	12"
-------	------	-----



SHOWA

## 96NFW

Fully coated Natural Latex with triple layered insulated liner, safety cuff

**BENEFITS:**

- Exclusive, induced self-wrinkle finish, which gives you a superior grip, wet or dry
- Unique triple-layer construction of foam insulation sandwiched between a layer of soft, 100% cotton jersey and 100% cotton interlock to lock out cold and seal in warmth
- Excellent cut, puncture and abrasion resistance and protection from chemicals

**APPLICATIONS:**

Handling plants and vegetables  
 Light chemical handling in agriculture, horticulture  
 Handling heavy equipment  
 Cutting roses and thorns  
 Pool /Pond Maintenance  
 Public utility

**FEATURES**

**LINER:** Cotton

**COATING:** Natural Latex

**GRIP:** Rough

**PACKAGING:** 3 dozen per case

**REF. SIZE**

96NFW	10/L
-------	------





SHOWA ATLAS SHOWA  
**460/465**

Full PVC coating, extra coating on entire hand over cotton

**BENEFITS: Combination of cold and chemical protection**

- A flexible, soft glove that absorbs perspiration, for ultra-comfortable extended wear and with good mechanical resistance
- PVC seals and protects the hand against chemicals while remaining flexible, up to -4°F
- Impermeable for working in damp or greasy environments, enabling you to grip objects securely
- Extended protection on the forearm
- Fixed acrylic lining
- Designed for easy movement and continuous wear

**APPLICATIONS:**

Maritime sector      Fishing  
 Petrochemical      Logistics  
 Transport

**FEATURES**

**LINER:** 460 - Seamless cotton knit / 465 - removable acrylic liner

**COATING:** PVC

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 460 - Individually packaged. 12 pair per polybag. 6 dozen per case.

465 - Individually packaged. 10 pair per polybag. 5 dozen per case.

REF.	SIZE	LENGTH
460	7/S	11.8"
460 465	8/M	11.8"
460 465	9/L	11.8"
460 465	10/XL	11.8"



SHOWA ATLAS SHOWA  
**490/495**

Full PVC coating, extra coating over entire hand on cotton

**BENEFITS: Combination of cold and chemical protection**

- A flexible, soft glove that absorbs perspiration, for ultra-comfortable extended wear and with good mechanical resistance
- PVC seals and protects the hand against chemicals while remaining flexible, up to -4°F
- Impermeable for working in damp or greasy environments, enables a secure grip
- Extended protection on the forearm
- Fixed acrylic lining
- Flexible and soft PVC for ultra-comfort
- Designed for easy movement and continuous wear

**APPLICATIONS:**

Maritime sector  
 Petrochemical  
 Transport  
 Logistic  
 Fishing

**FEATURES**

**LINER:** 490 - Seamless cotton knit / 495 - removable acrylic liner

**COATING:** PVC

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 490 - Individually packaged. 12 pair per polybag. 6 dozen per case.

495 - Individually packaged. 10 pair per polybag. 5 dozen per case.

REF.	SIZE	LENGTH
490 495	8/M	11.8"
490 495	9/L	11.8"
490 495	10/XL	11.8"







# COLD PROTECTION



## SHOWA 477

Full nitrile coating combined with nitrile foam on palm on polyester/nylon/insulated acrylic liner

**BENEFITS: Premium combination of cold protection and oil resistant grip ideal for changeable weather conditions**

- Insulated liner provides a barrier from cold ensuring warmth and comfort all day long
- Fully double engineered coating protects against liquids and water penetration
- Impermeable for working in damp or greasy environments, keeps your hands dry
- Dual nitrile coating technology provides optimal grip longevity
- Fixed acrylic terry liner
- Highly flexible and resistant to abrasion and tearing
- Seamless knit designed to prevent irritation

#### APPLICATIONS:

Agriculture	Mechanical
Construction	Petrochemical
Marine	Transportation

#### FEATURES

**LINER:** Seamless knit polyester/nylon/insulated acrylic liner

**COATING:** Nitrile/nitrile foam

**GRIP:** Foam

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** 6 pair per polybag. 6 dozen per case.

REF.	SIZE
477	7/M
477	8/L
477	9/XL
477	10/XXL



## SHOWA TEMRES® 282

Fully breathable micro-ventilated polyurethane coating with micro-roughened nitrile finish on fingertips over nylon/insulated acrylic liner

**BENEFITS: Provides warmth with protection from liquids & oils in cold conditions while allowing comfort of a breathable glove**

- Insulated liner provides a barrier from cold ensuring warmth and comfort all day long
- TEMRES® Waterproof technology
- High level of handling precision and optimal grip
- Fixed insulated acrylic liner
- Premium comfort and flexibility of PU
- Breathable technology allows warm air and moisture from inside to escape to keep your hands dry
- Seamless knit designed to prevent irritation

#### APPLICATIONS:

Construction	Logistics
Agriculture	Transport
Offshore	Fishing

#### FEATURES

**LINER:** Seamless knit nylon/insulated acrylic

**COATING:** Breathable PU

**GRIP:** Rough

✦ Ergonomic design hand mold that replicates the natural curves

**PACKAGING:** Individually polybagged. 1 dozen per case.

REF.	SIZE	LENGTH
282	8/M	10.8"
282	9/L	10.8"
282	10/XL	10.8"
282	11/XXL	10.8"

For the first time warmth, breathability, waterproof and flexibility have all been combined into a revolutionary glove by using SHOWA innovative technology platform.



#### RESIST COLD TEMPS

Insulated liner provides barrier from cold ensuring warmth and comfort all day long.



#### BREATHABLE

Breathable micro-ventilated TEMRES® technology: membrane fixed between coating and liner allows warm air and moisture from inside to escape to keep your hands dry.



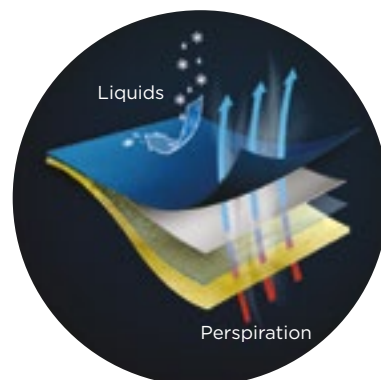
#### WATERPROOF

Waterproof technology provides a barrier against water and liquids in wet environment.



#### RESIST GRIP

PU coating on glove with micro roughened nitrile coating finish ensures strong grip.





## SHOWA 406

Full foam Natural Latex coating doubled with Natural Latex on palm coating over nylon outer liner with insulated acrylic/nylon inner liner

**BENEFITS: Triple protection and comfort improves productivity and reduces cost**

- Designed to protect at temperature down to -30°C, for short or intermittent contact
- Water-repellent surface combined with thermal insulating liner keep hands warm and dry enhancing productivity and allowing for longer work periods
- Aerated material reduces heat loss via conduction and eliminates convection by trapping warm air inside the glove
- Engineered liner and foam Natural Latex moisture permeability dissipate sweat and prevent hands getting cold inside the glove
- Dual latex coating provides high abrasion resistance and comfort in longer use
- Coating technology enhances high level of flexibility and reduces fatigue
- SHOWA ergonomic design for premium fit

**APPLICATIONS:**

- Winter general purpose
- Construction
- Logistic & warehousing
- Assembly
- Agriculture
- Lawn and garden
- DIY
- Refrigeration

**FEATURES**

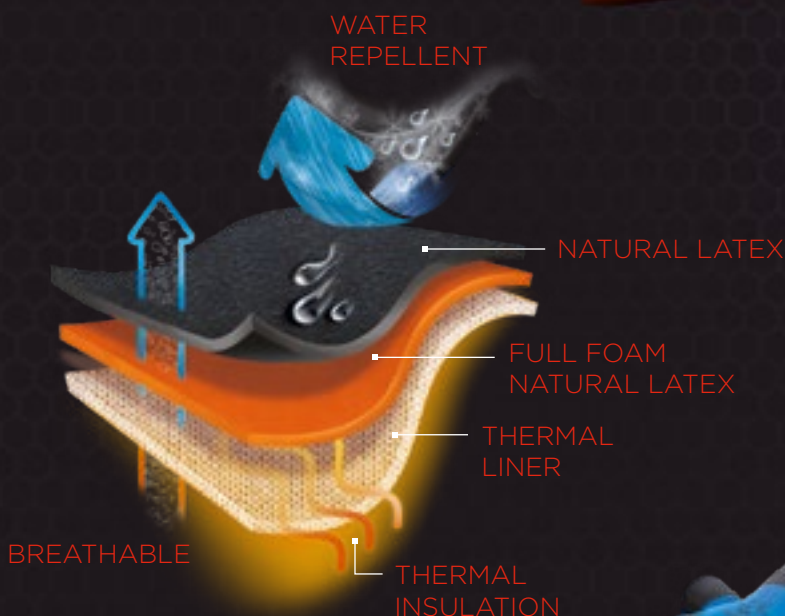
**LINER:** Seamless knit nylon/insulated acrylic, nylon

**COATING:** Natural Latex

**GRIP:** Rough

**PACKAGING:** 6 pair per polybag.  
6 dozen per case.

REF.	SIZE
406	7/M
406	8/L
406	9/XL
406	10/XXL



**+ GENERAL PURPOSE VERSION:**

**SHOWA 306** - p.27  
Double latex coating



# HEAT PROTECTION



SHOWA

## 6781R

Full neoprene coating over cotton jersey liner

### BENEFITS: Chemical and heat resistant

- Neoprene coating provides resistance to abrasion and a wide range of chemicals
- Protects the hand from oils, hydrocarbons and grease penetration
- Provides a high mechanical resistance while insulating against heat and cold
- Insulation against intermittent heat up to 500°F
- Wrist well protected
- Minimal allergy risks

### APPLICATIONS:

Chemical  
Petrochemical  
Automotive  
Metallurgy  
Food

### FEATURES

**LINER:** Cut and sewn cotton

**COATING:** Neoprene

**GRIP:** Rough

**PACKAGING:** 6781R - 3 dozen per case

6781R-06 - 1 dozen per case

6781R-145 - 1 dozen per case

REF.	SIZE	LENGTH
6781R	10/L	12in
6781R-06	10/L	18in
6781R-145	10/L	26in

6781R - 12" gauntlet

6781R-06 - 6" sewn on nitrile insulated sleeve

6781R-145 - 14" sewn on nitrile insulated sleeve



SHOWA

## 8814

Full neoprene spray coating over non-woven liner

### BENEFITS: Food safe approved

- A comfortable, supple glove providing effective protection against abrasion
- High mechanical resistance while insulating against cold and intermittent heat up to 500°F
- Low-soil color
- Wrist well protected
- Easy to put on and remove
- Suitable for food processing
- No latex allergy risks
- 21 CFR / FDA compliant for direct food contact

### APPLICATIONS:

Automotive  
Food processing  
Hot metal sheets  
Castings

### FEATURES

**LINER:** Non-woven cut and sewn

**COATING:** Neoprene spray

**GRIP:** Rough

**PACKAGING:** 1 dozen per case

REF.	SIZE	LENGTH
8814	7/S	14"
8814	8/M	14"
8814	9/L	14"
8814	10/XL	14"



SHOWA

## 240

Sponge Neoprene Palm coating over Kevlar®, modacrylic, fiberglass liner

### BENEFITS: Combination of Arc flash and cut protection

- Protect against arc flash: Arc flash level 2
- Kevlar® liner offers high cut protection: ANSI Cut Level A3
- Flame resistant materials
- Provides strong mechanical resistance level
- Flat dipped neoprene coating provides excellent grip
- Flexible & soft Sponge Neoprene Palm coating

### APPLICATIONS:

Construction  
Maritime sector  
Metallurgy  
Oil & Gas/Offshore

### FEATURES

**LINER:** 13 gauge seamless Kevlar®/modacrylic/fiberglass knit

**COATING:** Sponge neoprene

**GRIP:** Smooth

**PACKAGING:** 12 pairs per polybag. 6 dozen per case.

REF.	SIZE
240	7/S
240	8/M
240	9/L
240	10/XL
240	11/XXL



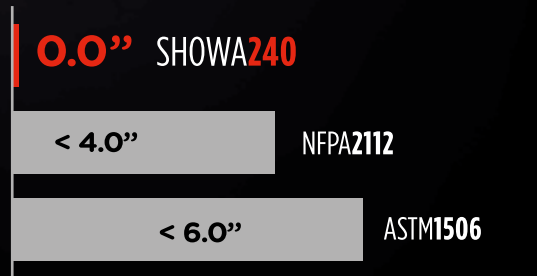


# 240

Forged with flame and cut-resistant materials, SHOWA 240 is the ultimate armor for arc flash protection in high-risk industries, featuring a 13-gauge seamless knit liner reinforced with Kevlar® and sponge neoprene palm coating inherently flame-resistant.



**0 SECONDS**  
**AFTERGLOW TIME**



**2**  
ARC

**MELT/DRIP**  
**ZERO**  
SELF EXTINGUISHES

**CHAR LENGTH**

**ASTM D6413 STANDARD TEST METHOD FOR FLAME RESISTANCE OF TEXTILES (VERTICAL TEST)**

- **Afterflame time:** number of seconds during which there is a visible flame remaining on the fabric.
- **Afterglow time:** the number of seconds during which there is a visible glow remaining on the fabric.
- **Char length:** the length in inches of fabric destroyed by the flame. Pass if less than 6 inches.
- **Melt/drip:** recorded occurrence of melting or dripping, if any.

**ASTM F2675 TEST METHOD FOR RESISTANCE OF TEXTILES FROM ELECTRIC ARC FLASH**

- **Arc thermal protective value (ATPV):** the amount of heat (cal./cm<sup>2</sup>) that is sufficient to cause second-degree burn injury, based on the Stoll Curve at 50% probability.
- **Arc rating:** Level 1 > 4 cal./cm<sup>2</sup>, level 2 > 8.0 cal./cm<sup>2</sup>, level 3 > 24.9 cal./cm<sup>2</sup>, level 4 > 40 cal./cm<sup>2</sup>



# SINGLE USE

## DISPOSABLE GLOVES

SHOWA is one of the most accomplished innovators and manufacturers of disposable hand protection ever. The first to create disposable nitrile, accelerator-free nitrile and biodegradable hand protection - we offer the broadest line of disposable choices available within the industry.

We offer 16 different styles with 6 thicknesses and 4 lengths, suitable for environments such as industrial and cleanroom, as well as the option of biodegradable, silicone- and accelerator-free.

All our single use 100% nitrile gloves are designed to provide users with a latex allergy-free risk protection whatever task is at hand.

- 98. Nitrile
- 103. Vinyl
- 104. Natural Latex









SHOWA

# 6005PF/ 6050PF

4 mil blue nitrile, silicone free, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Chlorinated
- Protection with lower risk of allergies
- Easy to put on and remove
- Easy to tear away in case of emergency break
- Can easily be one-hand used

**APPLICATIONS:**

Grain, mill and starch products  
Washing & cleaning  
Coroner/morgue  
Public utility  
Painting and spray workshops

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 4 mil

**GRIP:** 6005PF - Smooth | 6050PF - Bisque fingertips

**PACKAGING:** 100 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
6005PF	5-6/XS	9.5in
6005PF	6-7/S	9.5in
6005PF	7-8/M	9.5in
6005PF	8-9/L	9.5in
6005PF	9-10/XL	9.5in
6050PF	5-6/XS	9.5in
6050PF	6-7/S	9.5in
6050PF	7-8/M	9.5in
6050PF	8-9/L	9.5in
6050PF	9-10/XL	9.5in



SHOWA

# 7005/PF

The world's first 100% nitrile disposable glove

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Superior durability and versatile performance
- Protection hands from an array of chemical hazards
- Rolled cuff prevents liquid from running into glove
- Second-skin feel significantly reduces hand fatigue

**APPLICATIONS:**

Handling plants and vegetables  
Painting and spray workshops  
Food packing and handling  
Food Service/Food Prep  
Fruit & vegetable processing  
Pet Food production  
Poultry, meat & seafood processing  
Sanitation and dishwashing  
Washing and cleaning  
Laboratory

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 4 mil

**GRIP:** Smooth

**PACKAGING:** 100 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
7005	5-6/XS	9.5in
7005	6-7/S	9.5in
7005	7-8/M	9.5in
7005	8-9/L	9.5in
7005	9-10/XL	9.5in
7005	10-11/XXL	9.5in
7005	11/XXXL	9.5in
7005PF	5-6/XS	9.5in
7005PF	6-7/S	9.5in
7005PF	7-8/M	9.5in
7005PF	8-9/L	9.5in
7005PF	9-10/XL	9.5in



SHOWA

# 7500PF

Biodegradable 4 mil blue nitrile, powder free

**BENEFITS:**

- Priced competitively
- 21 CFR / FDA compliant for direct food contact
- Reduces risk of allergies
- Rolled cuff prevents dirt from entering the glove
- Second-skin feel significantly reduces hand fatigue
- Biodegradable

**APPLICATIONS:**

Intricate parts handling  
Biotechnology  
Pet Food production  
Washing and cleaning  
Laboratory, pharma & analysis

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile w/EBT

**THICKNESS:** 4 mil

**GRIP:** Bisque

**PACKAGING:** 100 gloves per dispenser. 10 dispensers per case.

REF.	SIZE	LENGTH
7500PF	5-6/XS	9.5in
7500PF	6-7/S	9.5in
7500PF	7-8/M	9.5in
7500PF	8-9/L	9.5in
7500PF	9-10/XL	9.5in
7500PF	10-11/XXL	9.5in



SHOWA  
**7502PF**

Biodegradable 2.5 mil blue nitrile, powder free

**BENEFITS:**

- Priced competitively
- 21 CFR / FDA compliant for direct food contact
- Reduces risk of allergies
- Rolled cuff prevents dirt from entering the glove
- Second-skin feel significantly reduces hand fatigue
- Biodegradable

**APPLICATIONS:**

Intricate parts handling  
Biotechnology  
Pet Food production  
Washing and cleaning  
Laboratory, pharma & analysis

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile w/EBT  
**THICKNESS:** 2.5 mil  
**GRIP:** Bisque  
**PACKAGING:** 200 gloves per dispenser. 10 dispensers per case.

REF.	SIZE	LENGTH
7500PF	5-6/XS	9.5in
7500PF	6-7/S	9.5in
7500PF	7-8/M	9.5in
7500PF	8-9/L	9.5in
7500PF	9-10/XL	9.5in
7500PF	10-11/XXL	9.5in



SHOWA  
**7700PFT**

Accelerator free, 4 mil black nitrile, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Free from common accelerators found in nitrile gloves
- Even lower risk of allergies
- Hides dirt and grime
- Rolled cuff helps keep liquid from running into glove
- Second-skin fit & feel
- Features ESD and static-dissipative properties

**APPLICATIONS:**

Automotive repairs and maintenance  
Light assembly of oil-coated pieces  
Painting and spray workshops  
Food packing and handling  
Food Service/Food Prep  
Veterinary  
Planting & repotting  
Public utility

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile  
**THICKNESS:** 4 mil  
**GRIP:** Bisque Fingertips  
**PACKAGING:** 50 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
7700PFT	6-7/S	9.5in
7700PFT	7-8/M	9.5in
7700PFT	8-9/L	9.5in
7700PFT	9-10/XL	9.5in



SHOWA  
**7705PFT**

Accelerator free, 4 mil nitrile, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Free from common accelerators found in nitrile gloves
- Lower risk of Type IV allergies
- Increased visibility due to color
- Rolled cuff helps keep liquid from running into glove
- Second-skin fit & feel

**APPLICATIONS:**

Handling plants and vegetables  
Painting and spray workshops  
Life sciences  
Pharmaceuticals and API  
Fruit & vegetable processing  
Grain, mill and starch products  
Poultry, meat & seafood processing  
Public utility

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile  
**THICKNESS:** 4 mil  
**GRIP:** Bisque Fingertips  
**PACKAGING:** 100 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
7705PFT	5-6/XS	9.5in
7705PFT	6-7/S	9.5in
7705PFT	7-8/M	9.5in
7705PFT	8-9/L	9.5in
7705PFT	9-10/XL	9.5in-



SHOWA

# 8005/PF

8 mil blue nitrile

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Easy to tear away in case of emergency break
- Can easily be one-hand use
- Rolled cuff prevents liquid from running into glove
- Second-skin feel significantly reduces hand fatigue

**APPLICATIONS:**

Painting & spray workshops  
 Food packing and handling  
 Food Service/Food Prep  
 Fruit & vegetable processing  
 Pet Food production  
 Poultry, meat & seafood processing  
 Washing and cleaning  
 Public utility  
 Biotechnology

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 8 mil

**GRIP:** Smooth

**PACKAGING:** 50 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
8005	6-7/S	9.5in
8005	7-8/M	9.5in
8005	8-9/L	9.5in
8005	9-10/XL	9.5in
8005PF	6-7/S	9.5in
8005PF	7-8/M	9.5in
8005PF	8-9/L	9.5in
8005PF	9-10/XL	9.5in



SHOWA

# 8050PF

8 mil blue nitrile, silicone free, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Chlorinated
- Easy to tear away in case of emergency break
- Rolled cuff prevents liquid from running into glove
- Second-skin feel significantly reduces hand fatigue

**APPLICATIONS:**

Biotechnology  
 Pet Food production  
 Washing and cleaning  
 Coroner/morgue  
 Public utility  
 Life sciences  
 Pharmaceuticals

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 8 mil

**GRIP:** Bisque Fingertips

**PACKAGING:** 50 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
8050PF	5-6/XS	9.5in
8050PF	6-7/S	9.5in
8050PF	7-8/M	9.5in
8050PF	8-9/L	9.5in
8050PF	9-10/XL	9.5in
8050PF	10-11/XXL	9.5in



SHOWA

# 8500PF

Economy grade 8 mil blue nitrile, powder free

**BENEFITS:**

- Priced competitively
- 21 CFR / FDA compliant for direct food contact
- Increased thickness for added protection
- Easy donning and doffing
- Rolled cuff prevents liquid from running into glove
- Smooth finish for tactile sensitivity

**APPLICATIONS:**

Food packing and handling  
 Food Service/Food Prep  
 Washing and cleaning  
 Laboratory, pharma & analysis  
 Life sciences  
 Pharmaceuticals & API

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 8 mil

**GRIP:** Smooth

**PACKAGING:** 50 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
8500PF	6-7/S	9.5in
8500PF	7-8/M	9.5in
8500PF	8-9/L	9.5in
8500PF	9-10/XL	9.5in





SHOWA

# 9005PF

Hand specific, 11" long 6 mil blue nitrile, powder free

**BENEFITS:**

- 21 CFR / FDA compliant for direct food contact
- Improved fit compared to ambidextrous glove
- Reduces risk of contamination
- Rolled cuff prevents liquid from running into glove
- Smooth finish for tactile sensitivity

**APPLICATIONS:**

Handling plants and vegetables  
 Intricate parts handling  
 Mechanical and engineering  
 Fruit & vegetable processing  
 Poultry, meat & seafood processing  
 Washing and cleaning  
 Public utility  
 Life sciences

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile  
**THICKNESS:** 6 mil  
**GRIP:** Smooth  
**PACKAGING:** 25 hand specific pairs per dispenser. 6 dispensers per case.

REF.	SIZE	LENGTH
9005PF	5-6/XS	11in
9005PF	6-7/S	11in
9005PF	7-8/M	11in
9005PF	8-9/L	11in
9005PF	9-10/XL	11in



SHOWA

# 9500PF

Accelerator free, 11" long 5 mil nitrile, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Increased visibility due to color
- Free from common accelerators found in nitrile gloves
- Lower risk of Type IV allergies
- Thicker barrier protection
- Wrists are well protected
- Rolled cuff prevents liquid from running into glove
- Smooth finish for tactile sensitivity

**APPLICATIONS:**

Handling plants and vegetables  
 Intricate parts handling  
 Biotechnology  
 Life sciences  
 Fruit & vegetable processing  
 Grain, mill and starch products  
 Poultry, meat & seafood processing

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile  
**THICKNESS:** 5 mil  
**GRIP:** Smooth  
**PACKAGING:** 50 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
9500PF	5-6/XS	11in
9500PF	6-7/S	11in
9500PF	7-8/M	11in
9500PF	8-9/L	11in
9500PF	9-10/XL	11in



SHOWA

# 9700PF

Accelerator free, 11" long 6 mil black nitrile, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Free from common accelerators found in nitrile gloves
- Lower risk of Type IV allergies
- Hides dirt and grime
- Thicker barrier protection
- Wrists are well protected
- Rolled cuff helps keep liquid from running into glove
- Features ESD and static-dissipative properties.

**APPLICATIONS:**

Automotive repairs and maintenance  
 Intricate parts handling  
 Light assembly of oil-coated pieces  
 Food packing and handling  
 Food Service/Food Prep  
 Sanitation and dishwashing  
 Biotechnology  
 Cytostatics

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile  
**THICKNESS:** 6 mil  
**GRIP:** Bisque Fingertips  
**PACKAGING:** 50 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
9700PF	6-7/S	11in
9700PF	7-8/M	11in
9700PF	8-9/L	11in
9700PF	9-10/XL	11in



SHOWA

# 9905PF

11" long 6 mil blue nitrile, powder free

**BENEFITS:**

- 21 CFR / FDA compliant for direct food contact
- Thicker mil provides added barrier protection
- Longer cuff to protect the wrists
- Second skin fit and feel
- Rolled cuff prevents liquid from running into glove

**APPLICATIONS:**

Food packing and handling  
 Washing and cleaning  
 Public utility  
 Pharmaceuticals & API

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 6 mil

**GRIP:** Smooth

**PACKAGING:** 50 gloves per dispenser. 20 dispensers per case.

REF.	SIZE	LENGTH
9905PF	5-6/XS	11in
9905PF	6-7/S	11in
9905PF	7-8/M	11in
9905PF	8-9/L	11in
9905PF	9-10/XL	11in



SHOWA

# C9905PF

Clean room, 12" long 5 mil white nitrile, powder free

**BENEFITS:**

- Clean-room device
- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Lower allergy risks
- Anti-static properties
- Repels wet substances
- Added barrier protection minimizes hand fatigue
- Rolled cuff prevents liquid from running into glove
- Made for critical work environments

**APPLICATIONS:**

Biotechnology  
 Life sciences  
 Hospital & medical care  
 Semi-conductor  
 Cytostatics  
 Laboratory, pharma & analysis  
 Pharmaceuticals & API

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile

**THICKNESS:** 5 mil

**GRIP:** Bisque Fingertips

**PACKAGING:** 100 gloves per polybag. 10 polybags per case.

REF.	SIZE	LENGTH
C9905PF	5-6/XS	12in
C9905PF	6-7/S	12in
C9905PF	7-8/M	12in
C9905PF	8-9/L	12in
C9905PF	9-10/XL	12in



SHOWA

# 6110PF

Biodegradable 4 mil green nitrile, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Performs same as non-EBT nitrile disposable gloves
- 100% biodegradable
- Decreased risk of allergies
- Second-skin fit & feel
- Great for green initiatives and sustainability programs

**APPLICATIONS:**

Automotive repairs and maintenance  
 Intricate parts handling  
 Food packing and handling  
 Food Service/Food Prep  
 Brewers and Distillers  
 Fruit & vegetable processing  
 Washing & cleaning  
 Laboratory, pharma & analysis

**FEATURES**

**LINER:** Unlined

**COATING:** Nitrile w/EBT

**THICKNESS:** 4 mil

**GRIP:** Bisque Fingertips

**PACKAGING:** 100 gloves per dispenser. 10 dispensers per case.

REF.	SIZE	LENGTH
6110PF	5-6/XS	9.5in
6110PF	6-7/S	9.5in
6110PF	7-8/M	9.5in
6110PF	8-9/L	9.5in
6110PF	9-10/XL	9.5in
6110PF	10-11/XXL	9.5in

# VINYL



SHOWA

## 6112PF

Biodegradable 4 mil black nitrile, powder free

**BENEFITS:**

- Low modulus
- 21 CFR / FDA compliant for direct food contact
- Performs same as non-EBT nitrile disposable gloves
- 100% biodegradable
- Decreased risk of allergies
- Second-skin fit & feel
- Great for green initiatives and sustainability programs

**APPLICATIONS:**

Automotive repairs and maintenance  
 Food Service/Food Prep  
 Coating preparation  
 Plumbing  
 Brewers and Distillers  
 Food packing and handling  
 Food Service/Food Prep  
 Pet Food production  
 Washing and cleaning  
 Public utility  
 Pharmaceuticals & API

**FEATURES**

**LINER:** Unlined  
**COATING:** Nitrile w/EBT  
**THICKNESS:** 4 mil  
**GRIP:** Bisque Fingertips  
**PACKAGING:** 100 gloves per dispenser. 10 dispensers per case.

REF.	SIZE	LENGTH
6112PF	5-6/XS	9.5in
6112PF	6-7/S	9.5in
6112PF	7-8/M	9.5in
6112PF	8-9/L	9.5in
6112PF	9-10/XL	9.5in
6112PF	10-11/XXL	9.5in



SHOWA

## 2005PF

3 mil clear vinyl, powder free

**BENEFITS:**

- DEHP free
- 21 CFR / FDA compliant for direct food contact
- Competitively-priced
- Featuring unique stretch formulation
- Second-skin feel significantly reduces hand fatigue
- Rolled cuff prevents liquid from running into glove
- Easy donning and doffing

**APPLICATIONS:**

Bakeries & delicatessens  
 Food packing and handling  
 Food Service/Food Prep  
 Sanitation and dishwashing  
 Washing and cleaning  
 Pet Food production  
 Veterinary  
 Washing & cleaning  
 Laboratory, pharma & analysis  
 Life sciences  
 Pharmaceuticals & API

**FEATURES**

**LINER:** Unlined  
**COATING:** Vinyl  
**THICKNESS:** 3 mil  
**GRIP:** Smooth  
**PACKAGING:** 100 gloves per dispenser. 10 dispensers per case.

REF.	SIZE	LENGTH
2005PF	6/S	9.5in
2005PF	7/M	9.5in
2005PF	8/L	9.5in
2005PF	9/XL	9.5in



SHOWA

## 2205SPF

3 mil white vinyl, powder free

**BENEFITS:**

- DEHP free
- 21 CFR / FDA compliant for direct food contact
- Competitively-priced
- Featuring unique stretch formulation
- Second-skin feel significantly reduces hand fatigue
- Rolled cuff prevents liquid from running into glove
- Easy donning and doffing

**APPLICATIONS:**

Chemical spray and treatment  
 Coating preparation  
 Painting & spray workshops  
 Bakeries & delicatessens  
 Food packing and handling  
 Food Service/Food Prep  
 Grain, mill and starch products  
 Pet Food production  
 Sanitation and dishwashing  
 Washing and cleaning  
 Veterinary

**FEATURES**

**LINER:** Unlined  
**COATING:** Vinyl  
**THICKNESS:** 3 mil  
**GRIP:** Smooth  
**PACKAGING:** 100 gloves per dispenser. 10 dispensers per case.

REF.	SIZE	LENGTH
2205SPF	6/S	9.5in
2205SPF	7/M	9.5in
2205SPF	8/L	9.5in
2205SPF	9/XL	9.5in





# NATURAL LATEX



## SHOWA 1005

Lightly powdered 5 mil  
Natural Latex

### BENEFITS:

- 21 CFR / FDA compliant for direct food contact
- Outstanding strength
- Enhanced grip
- Maximum dexterity
- Comfortable fit
- Easy to put on and remove

### APPLICATIONS:

Mechanical and engineering  
Painting and spray workshops  
Bakeries & delicatessens  
Food packing and handling  
Food Service/Food Prep  
Fruit & vegetable processing  
Grain, mill and starch products  
Poultry, meat & seafood processing  
Sanitation and dishwashing

### FEATURES

**LINER:** Unlined

**COATING:** Natural Latex

**THICKNESS:** 5 mil

**GRIP:** Smooth

**PACKAGING:** 100 gloves per dispenser.  
20 dispensers per case.

REF.	SIZE	LENGTH
1005	6-7/S	9.5in
1005	7-8/M	9.5in
1005	8-9/L	9.5in



## SHOWA W1005

Lightly powdered 5 mil  
Natural Latex

### BENEFITS:

- 21 CFR / FDA compliant for direct food contact
- Outstanding strength
- Enhanced grip
- Maximum dexterity
- Comfortable fit
- Easy to put on and remove

### APPLICATIONS:

Chemical spray and treatment  
Handling plants and vegetables  
Light chemical handling in  
agriculture, horticulture  
Biotechnology  
Clean room  
Cytostatic  
Life sciences  
Pharmaceuticals and API

### FEATURES

**LINER:** Unlined

**COATING:** Natural Latex

**THICKNESS:** 5 mil

**GRIP:** Smooth

**PACKAGING:** 100 gloves per dispenser.  
20 dispensers per case.

REF.	SIZE	LENGTH
W1005	7-8/M	9.5in
W1005	8-9/L	9.5in



## SHOWA 5005PF

Powder free 3 mil Natural  
Latex, with bisque grip

### BENEFITS:

- 21 CFR / FDA compliant for direct food contact
- Outstanding strength
- Enhanced grip
- Maximum dexterity
- Comfortable fit
- Easy to put on and remove

### APPLICATIONS:

Painting and spray workshops  
Grain, mill and starch products  
Laboratory  
Veterinary  
Washing & cleaning  
Cytostatics

### FEATURES

**LINER:** Unlined

**COATING:** Natural Latex

**THICKNESS:** 3 mil

**GRIP:** Bisque

**PACKAGING:** 100 gloves per dispenser.  
10 dispensers per case.

REF.	SIZE	LENGTH
5005PF	5-6/XS	9.5in
5005PF	6-7/S	9.5in
5005PF	7-8/M	9.5in
5005PF	8-9/L	9.5in
5005PF	9-10/XL	9.5in



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## COMMITTED TO FAIR LABOR

The Business Social Compliance Initiative (BSCI) is a business-driven initiative for companies committed to social responsibility in their supply chain, regardless of their size, sector or industry. BSCI offers companies one common Code of Conduct and a holistic system to foster better working conditions in global supply chains.

The BSCI Code of Conduct is based on the most important international labor standards protecting workers' rights. It sets out 11 core labor rights, which BSCI participants commit to implement and monitor with their business partners within their supply chains.

SHOWA is committed to improving working conditions, engaging with stakeholders and endorsing the BSCI Code of Conduct and Appendices. We believe that compliance with local regulations and core social standards defined by international organisations for labor and human rights is an opportunity for further improving the working conditions in our integrated supply chain.

SHOWA agrees to respect the following labor principles set out in the BSCI Code of Conduct.

### BSCI Principles



#### THE RIGHTS OF FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING

Our enterprise respects the right of workers to form unions or other kinds of workers' associations and to engage in collective bargaining.



#### FAIR REMUNERATION

Our enterprise respects the right of workers to receive fair remuneration.



#### OCCUPATIONAL HEALTH AND SAFETY

Our enterprise ensures a healthy and safe working environment, assessing risks and taking all necessary measures to eliminate or reduce them.



#### SPECIAL PROTECTION FOR YOUNG WORKERS

Our enterprise provides special protection to any workers that are not yet adults.



#### NO BONDED LABOR

Our enterprise does not engage in any form of forced servitude, trafficked or non-voluntary labor.



#### ETHICAL BUSINESS BEHAVIOUR

Our enterprise does not tolerate any acts of corruption, extortion, embezzlement or bribery.



#### NO DISCRIMINATION

Our enterprise provides equal opportunities and does not discriminate against workers.



#### DECENT WORKING HOURS

Our enterprise follows local laws/regulations regarding hours of work.



#### NO CHILD LABOR

Our enterprise does not hire any worker below the legal minimum age.



#### NO PRECARIOUS EMPLOYMENT

Our enterprise hires workers on the basis of documented contracts according to the law.



#### PROTECTION OF THE ENVIRONMENT

Our enterprise takes the necessary measures to avoid environmental degradation.

Source: [www.bsci-intl.org](http://www.bsci-intl.org)

## COMMITTED TO SAFE MANUFACTURING



REACH is a regulation of the European Union, adopted to improve the protection of human health and the environment from the risks that can be posed by

chemicals, while enhancing the competitiveness of the EU chemicals industry. It also promotes alternative methods for the hazard assessment of substances in order to reduce the number of tests on animals.

REACH stands for Registration, Evaluation, Authorisation and Restriction of Chemicals.

REACH establishes procedures for collecting and assessing information on the properties and hazards of substances. SHOWA's whole manufacturing process is in line with the requirements of the European REACH Regulation. All SHOWA products today and in the future will remain free from substances of very high concern (SVHC).

Source: [www.echa.europa.eu](http://www.echa.europa.eu)



## THE SENTINEL ADVANTAGE:

- ✘ Improves Cost Control
- ✘ Eliminates Waste
- ✘ Reduces Work-Related Injuries
- ✘ Enhances Productivity
- ✘ Consolidates Inventory
- ✘ Ensures Compliance with OSHA 29CFR 1910.132

When it comes to safety, you get what you pay for. And when it comes to cutting costs, high-performance hand protection is always a safe investment.

SHOWA's Sentinel program provides customized safety solutions that help prevent work-related injuries and optimize your operation's cost performance. Proven to **reduce costs by up to 33 percent**, we'll give you a competitive edge by helping you get the most from your hand protection.



Sentinel's **5-Phase Methodology** is a holistic approach to optimizing your operation's safety and cost-performance. Beginning with a comprehensive hazard assessment, we identify risks in your workplace and establish a benchmark to measure the impact of Sentinel's effectiveness over time.

## HERE'S HOW IT WORKS:



### EVALUATION:

SHOWA's highly-trained field experts conduct a comprehensive on-site hazard assessment to identify inefficiencies and turn them into opportunities.



### BENCHMARK:

After determining business goals and objectives, we use your current performance metrics as a baseline to help measure Sentinel's impact over time.



### IMPLEMENTATION:

A customized safety plan is designed and implemented to improve your operation's cost-performance by reducing risk, injuries and subsequent expenses.



### MEASUREMENT:

Sentinel's effectiveness is quantified by comparing new performance data to your baseline, followed by the establishment of your next milestone.



### MANAGEMENT:

Upon successful integration of your customized safety plan, our service experts provide ongoing assistance to ensure you get the most from your investment long-term.

### Additional Benefits:

- Comprehensive Assessments
- Customized Safety Plans
- On-Site Training
- First-Class Customer Service

