

STAIR



INDUSTRIAL SERIES

EMPLOYEES
WORLDWIDE

5,500



PRODUCTION FACILITIES ACROSS THE GLOBE



PATENTS

58

OWNED



100+

RESEARCHERS

[100%]
integrated manufacturing

1
BRAND

unrivalled protection & innovation
65 YEARS

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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.

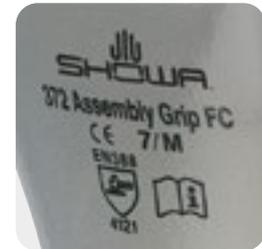
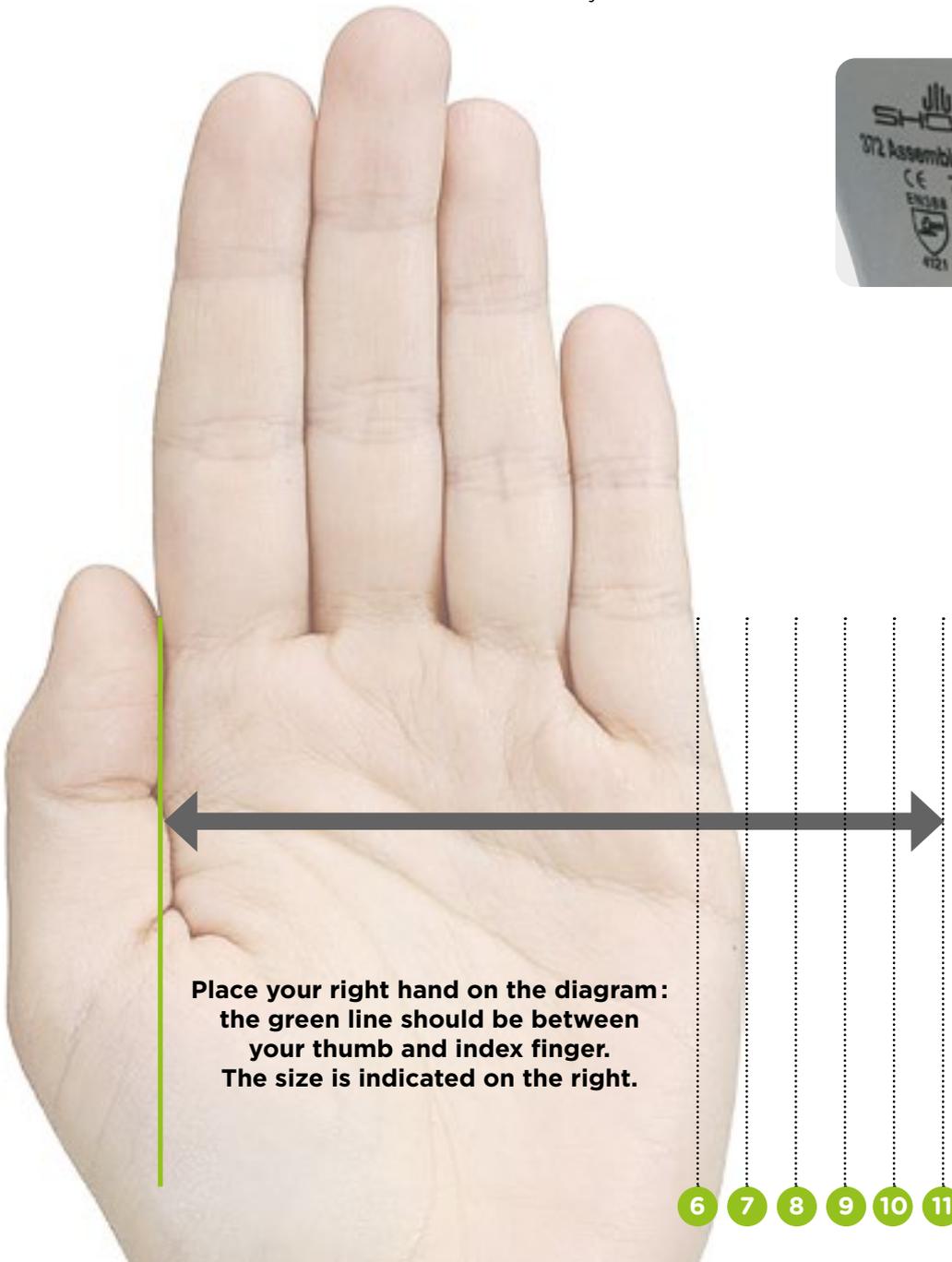
Glove size further to EN 420	Hand (mm)		Glove (mm)
	Palm circumference	Length	Minimum length
6	152	160	220
7	178	171	230
8	203	182	240
9	229	192	250
10	254	204	260
11	279	215	270

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.



Place your right hand on the diagram:
the green line should be between
your thumb and index finger.
The size is indicated on the right.

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

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.

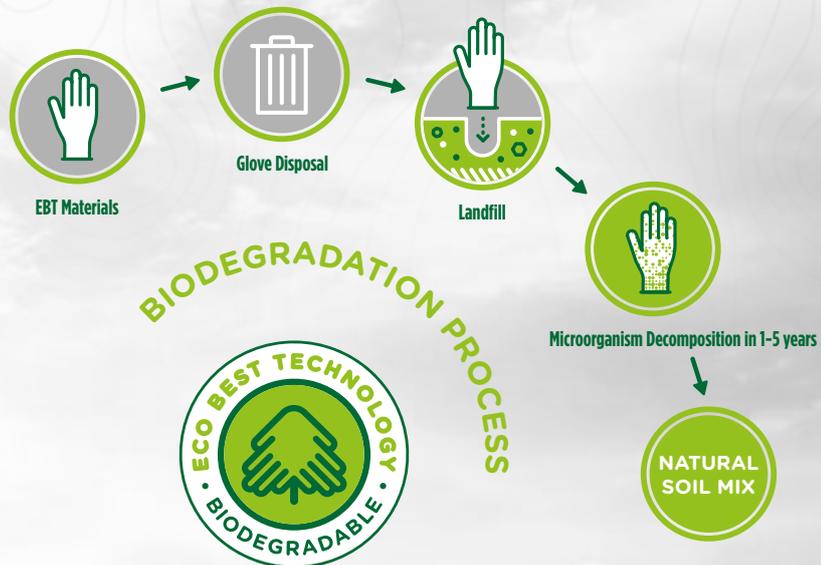
ASTM D5526 ASTM D5511

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.

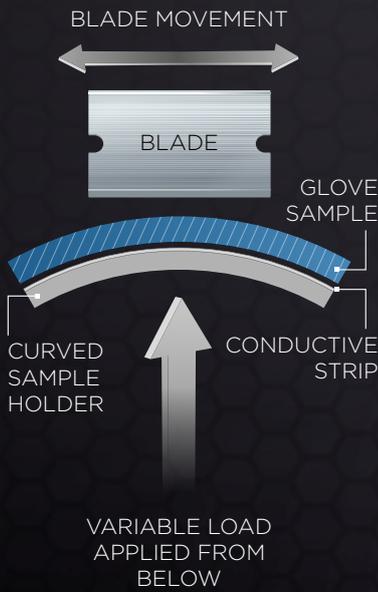
Development of new cut-resistant technology follows increasing demand for higher cut-resistant protection in work processes. While measuring the levels of cut resistance of different materials in the mesh of the glove, it became evident to our researchers that integration of stainless steel in liners 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

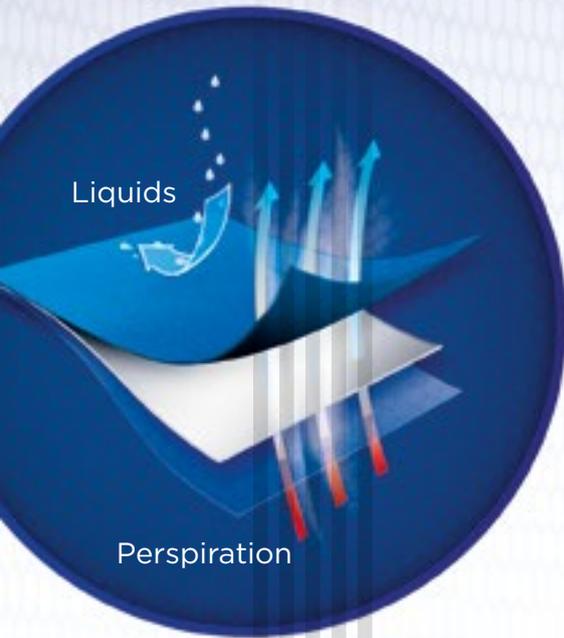
SHOWA responds to market demands for a one-stop shop solution with a complete series of seven Cut C/A3 glove models, with SHOWA quality and service at a nominal price.

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
546X Uncoated							
546 Polyurethane							
546W White reinforced polyurethane							
346 Natural latex							
386 Microporous nitrile							
576 3/4 nitrile, extra foam nitrile							
577 Fully dipped nitrile, extra foam nitrile							

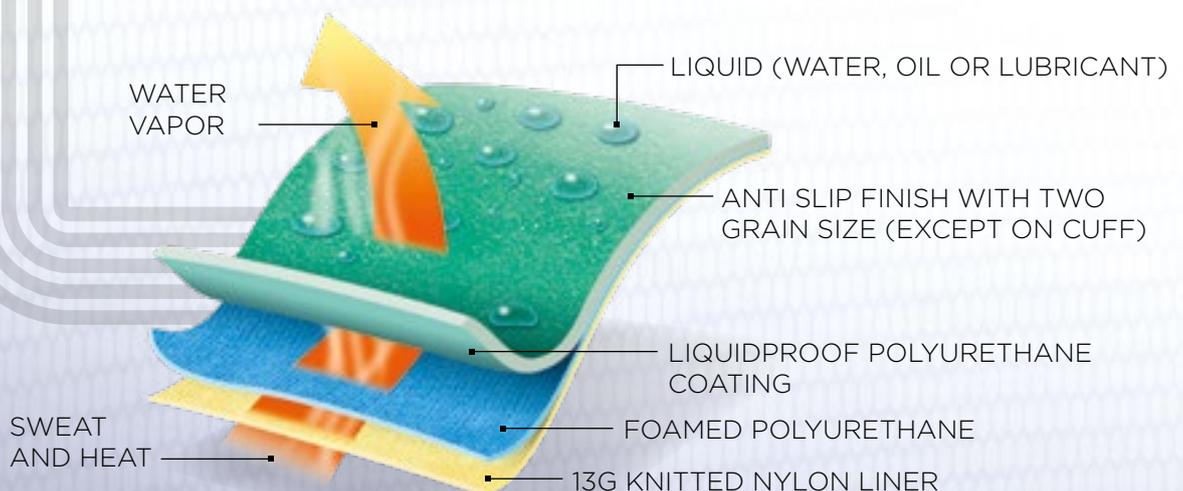
[TEMRES®]



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

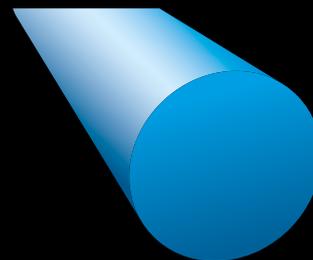
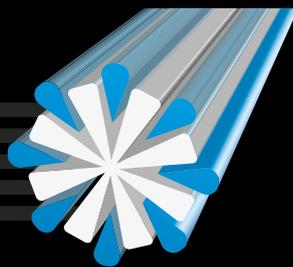
AT SHOWA WE BELIEVE THAT COMFORT IS AS IMPORTANT AS THE PROTECTION, WHICH IS WHY WE REDUCED THE WEIGHT AND IMPROVED THE EFFICIENCY FOR OUR NEW MODEL. IN ORDER TO OFFER THIS PREMIUM COMBINATION, WE ENGINEERED A MICROFIBER FABRIC.

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
p.23



SHOWA
382
p.22

[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°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!]



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

306



+ 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

COATING Natural Latex	GRIP Rough
LINER Cotton	COLOR Yellow

PACKAGING

9/M 10/L 11/XL

3 dozen pair per case

SHOWA
63NFW

Full coating, knit wrist

COATING Natural Latex	GRIP Rough
LINER Cotton	COLOR Yellow

PACKAGING

10/L

6 dozen pair per case

SHOWA
66NF

Palm coating, safety cuff

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

PACKAGING

10/L

6 dozen pair per case

SHOWA
65NFW

Full coating, 12-inch gauntlet

COATING Natural Latex	GRIP Rough
LINER Cotton	COLOR Yellow

PACKAGING

9/M 10/L 11/XL

3 dozen pair per case

SHOWA
99NFWPCP

Palm coating, reinforced palm patch, 4" safety cuff

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

PACKAGING

9/M 10/L 11/XL

6 dozen pair per case

SHOWA
66NFW/L66NFW*

Palm coating, safety cuff

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

PACKAGING

8/s 10/L

6 dozen pair per case

SHOWA
64NFW

Full coating, 10-inch gauntlet

COATING Natural Latex	GRIP Rough
LINER Cotton	COLOR Yellow

PACKAGING

10/L

3 dozen pair per case

SHOWA
99NFW

Palm coating, 4" safety cuff

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

PACKAGING

10/L

6 dozen pair per case

SHOWA
63PNFW/L63PNFW*

Palm coating, knit wrist

COATING Natural Latex	GRIP Rough
LINER Cotton	COLOR 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 1st 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

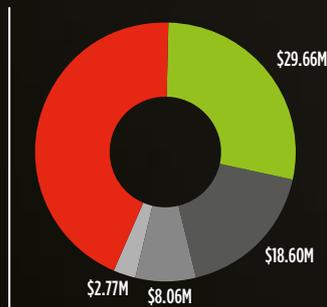
Even though official figures show there has been a drop in workplace accidents in the building trade, they are still more frequent than in other industries. Most injuries within the construction environment involve the hands and/or arms, and serious accidents or fatalities have a deep social and economic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

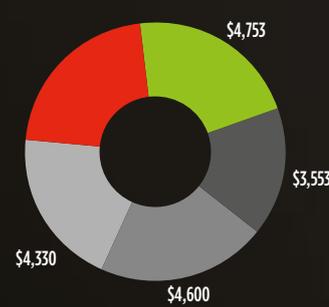
\$46.51M



Financial cost of workplace accidents

(source: Carsat, France 2011)

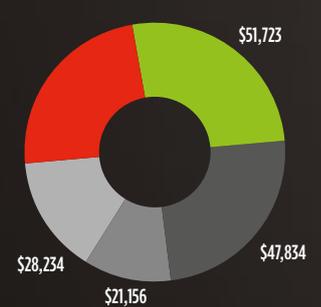
\$4,770



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





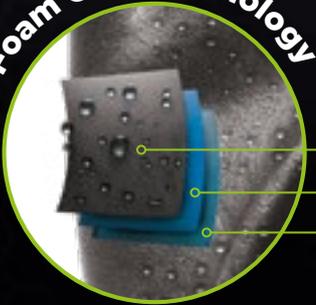
NITRILE

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.



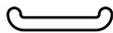


CUT THROUGH THE CONFUSION

UNDERSTANDING YOUR PROTECTION AGAINST MECHANICAL RISKS



UNDERSTANDING YOUR CUT GLOVE

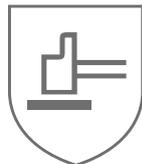


IDENTIFYING YOUR PROTECTION: REPORTING & MARKINGS

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

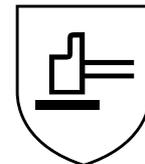
EN 388 (CE)
OLD
STANDARD



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



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



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/XL
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



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



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



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 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



Mike
Martin, Super



“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 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"
			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**

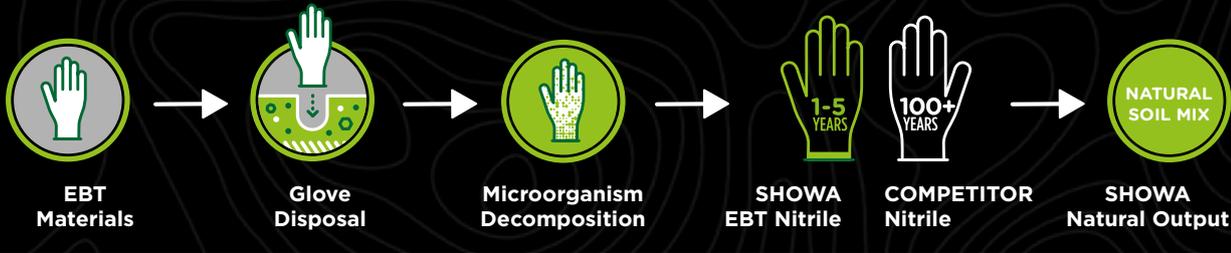
TESTED **ASTM D5526** **ASTM D5511**

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 10⁸ to 10⁹
- 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"



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.



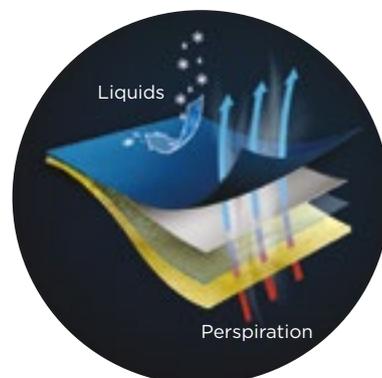
WATERPROOF

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

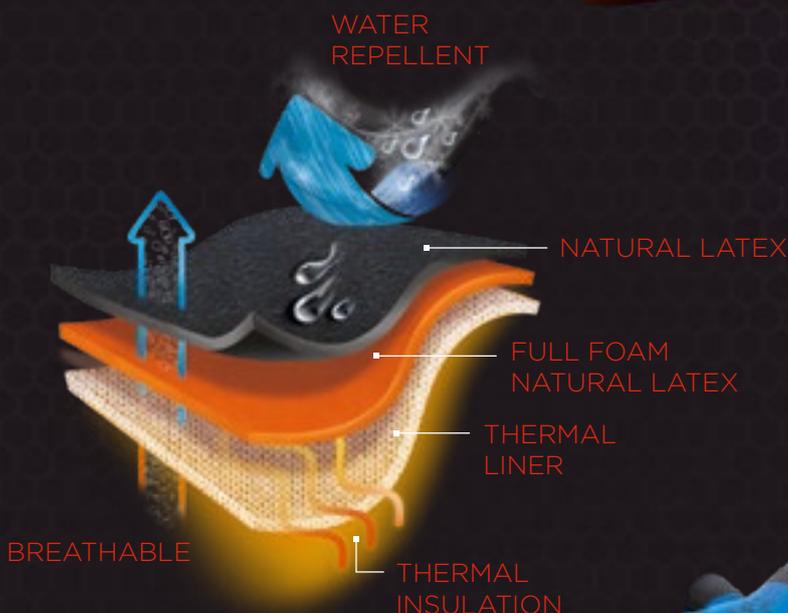
LINER: Seamless knit nylon/insulated acrylic, nylon

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./cm²) that is sufficient to cause second-degree burn injury, based on the Stoll Curve at 50% probability.
- **Arc rating:** Level 1 > 4 cal./cm², level 2 > 8.0 cal./cm², level 3 > 24.9 cal./cm², level 4 > 40 cal./cm²



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

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



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:

≡ 1

EVALUATION:

SHOWA's highly-trained field experts conduct a comprehensive on-site hazard assessment to identify inefficiencies and turn them into opportunities.

≡ 2

BENCHMARK:

After determining business goals and objectives, we use your current performance metrics as a baseline to help measure Sentinel's impact over time.

≡ 3

IMPLEMENTATION:

A customized safety plan is designed and implemented to improve your operation's cost-performance by reducing risk, injuries and subsequent expenses.

≡ 4

MEASUREMENT:

Sentinel's effectiveness is quantified by comparing new performance data to your baseline, followed by the establishment of your next milestone.

≡ 5

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

