







SHOWAgroup.com



6105PF

# PRODUCT CLUSTERS

Our products are separated into six groups based on their primary hazard protection. Please note, many of our gloves protect against multiple hazards.





# ATERIALS 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!



# COTTON

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.

# NYLON

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.

# ACRYLIC

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.

# HPPE

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.

# ARAMID

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).

# ENGINEERED FIBERS

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

# **COATINGS & POLYMERS** EXPLAINED

Naturally occurring and man-made polymers are essential building blocks of hand protection. Specific polymers protect workers from specific hazards. That's why SHOWA utilizes a variety of polymers and coatings, delivering **hand protection for every pursuit**.

	STRENGTHS	WEAKNESSES
Nitrile Anti-slip vulcanized synthetic rubber	<ul> <li>No latex proteins</li> <li>Excellent abrasion and cut resistance</li> <li>Three times the puncture resistance of latex</li> <li>Excellent resistance to oil, grease and hydrocarbons</li> <li>Resistance to acids, certain organic solvents, pesticides, oils and fuels</li> <li>Heat resistance (no flame resistance)</li> </ul>	<ul> <li>Relatively rigid</li> <li>Normally low tear resistance (N-DEX* gloves are an exception)</li> <li>No chemical resistance against ketones and some chlorinated hydrocarbons (methylene chloride and trichloroethylene).</li> </ul>
Natural Rubber Natural rubber mainly from latex and the rubber tree	<ul> <li>Very flexible and elastic</li> <li>Very robust, provides secure grip</li> <li>Excellent abrasion resistance to tearing and bending</li> <li>Waterproof</li> <li>Protects against weak acids, caustics, alcohols and detergents</li> </ul>	<ul> <li>Poor chemical resistance against oils, greases, hydrocarbons and organic solvents</li> <li>Proteins may cause allergic reaction</li> </ul>
<b>PVC</b> ( <i>poly vinyl chloride</i> ) Economical synthetic thermoplastic	<ul> <li>Functional in temperatures ranging from -30°F (-34°C) to 212°F (100°C)</li> <li>Durable, provides high chemical resistance</li> <li>Material softened by plasticizer</li> <li>Good electrical insulator</li> </ul>	<ul> <li>Low resistance to cuts and punctures</li> <li>Disposable PVC gloves might have pinholes</li> <li>Low resistance to solvents</li> </ul>
Polyurethane (PU) Plastic that is micro-porous elastomer	<ul> <li>Very flexible and elastic</li> <li>No latex proteins</li> <li>Clean - does not shed particles</li> <li>Good resistance to abrasion and oils</li> <li>Does not harden in cold or soften in heat</li> <li>Porous ventilation reduces perspiration</li> </ul>	<ul> <li>Low chemical resistance</li> <li>Poor resistance to hot water</li> </ul>
Neoprene Polychloroprene synthetic rubber	<ul> <li>Flexible in temperatures ranging from -10°F (-23°C) to 300°F (150°C)</li> <li>Soft like natural rubber, but contains no natural rubber latex proteins</li> <li>Good abrasion and cut resistance</li> <li>Chemical protection against acids, alcohols, fats, ketones, organic and inorganic solvents, oils, greases and petrochemicals</li> <li>Heat resistant and flame resistant</li> <li>Resists degradation from ozone, sunlight and oxidation</li> </ul>	<ul> <li>Poor grip when wet</li> <li>No chemical resistance against chlorinated hydrocarbon solvents</li> </ul>
<b>Butyl</b> Synthetic rubber polymer for heavy chemical protection	<ul> <li>Very elastic, even at low temperatures</li> <li>Excellent chemical resistance against gases, ketones (MEK, acetone) and acids</li> <li>Low gas permeability</li> </ul>	<ul> <li>Limited grip and dexterity</li> <li>Poor mechanical resistance</li> <li>Poor resistance to alphatic hydrocarbons, aromatic hydrocarbons and halogenated solvents</li> </ul>
Viton Synthetic rubber polymer - the last resort	<ul> <li>Protects where nothing else protects</li> <li>Chemical protection against PCBs</li> <li>Excellent chemical protection against chlorinated, aliphatic and aromatic hydrocarbons</li> </ul>	<ul> <li>Limited grip</li> <li>Limited dexterity</li> <li>Not suitable for ketones, esters and nitro compounds</li> </ul>

# POLYMER COMBINATIONS: THE BEST OF BOTH WORLDS

Certain combinations of polymers are used to make hybrid gloves. Neoprene over natural rubber latex is used in SHOWA\* CHM and CHMY gloves. Viton over Butyl is used to make the highly chemical resistant SHOWA 890 and 892 gloves. Nitrile is used as an over-dip in several SHOWA natural rubber gloves to provide added resistance to aging, ozone and chemicals.



# **SINGLE** USE

# [Disposable Heroes]

As a pioneer of disposable hand protection, SHOWA offers the most extensive range in our industry. Beginning with the world's first nitrile glove, we've continuously innovated to meet the demands of varied trades and professions.





The world's first 100% nitrile disposable glove, N-DEX 7005 provides unmatched performance across a range of tactical applications. Available lightly-powdered (7005) or powder-free (7005PF).

# **KEY BENEFITS**

- + Decreased risk of allergies
- + Superior durability & versatility
- + Limited chemical protection
- + Second-skin fit & feel
- + Rolled cuff keeps debris out

<b>POLYMER</b> Nitrile Low-modulus		<b>THICKNESS</b> 4 mil		
LINER Disposable		9.5	NGTH inches	5
<b>GRIP</b> Smooth			ht blue	3
PACKAGING				
S	М	L	XL	XXL
GRIP Smooth PACKA	n GING	Lig		_

100 aloves per dispenser 20 dispensers per case



# 6005PF

Powder-free, 4-mil, 9.5-inch, disposable low-modulus nitrile glove for those seeking single use protection in critical environments.

# **KEY BENEFITS**

- + Decreased risk of allergies
- + Easy to put on and remove
- + Tear-away feature in case of emergency break
- + Second-skin fit & feel

### + Rolled cuff keeps debris out

POLYM Nitrile		-	<b>HICKN</b> mil	IESS	
Low-modulus LINER Disposable		_	ENGTI .5 inch	-	
GRIP Smooth			ight bl	ue	
PACKAGING					
XS	S	М	L	XL	

100 gloves per dispenser 20 dispensers per case



# N-DEX® 6105PF

Combining trusted N-DEX protection with Eco Best Technology<sup>®</sup> (EBT), N-DEX 6105PF with EBT is the world's first biodegradable disposable nitrile glove. This powder-free, 4 mil, 9.5-inch, low-modulus nitrile glove performs the same as non-EBT nitrile disposable glove.

### **KEY BENEFITS**

- + 100% biodegradable
- + Decreased risk of allergies
- + High performance protection
- + Second-skin fit & feel

<b>POLYMER</b> Nitrile w/ EBT Low-modulus	<b>THICKNESS</b> 4 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	9.5 inches
GRIP	<b>COLOR</b>
Smooth	Green

### PACKAGING

100 gloves per dispenser 20 dispensers per case

SHOWA

INDUSTRIAL SERIES



# **Eco Best Technology**<sup>®</sup>

Protection & Preservation in **ONE** 

Our Eco Best Technology (EBT) is the breakthrough innovation that gave rise to the world's first fully biodegradable nitrile glove. EBT is composed of organic materials that accelerate the biodegradation of nitrile in biologically active landfills. It helps preserve our planet without ever sacrificing performance.



# **Protecting What Matters**

Protection is our first priority. With SHOWA's revolutionary Eco Best Technology\* (EBT), we not only provide top of the line hand protection, but also a means of protecting our planet for generations to come.



**Plant Food** 

EBT products are rich nutrient sources that attract microbial activity in landfills. Upon disposal, microorganisms consume, metabolize and break down EBT materials into fertilizer, leaving zero waste behind.

# **ASTM ASTM** Se D5526 D 5 5 1 1

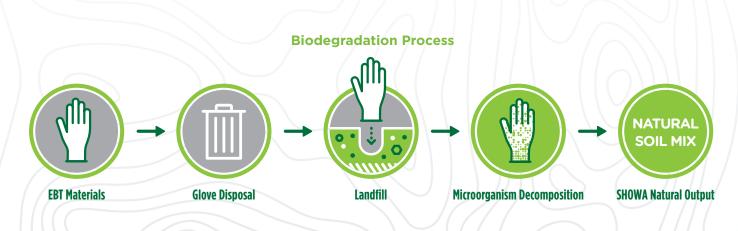
# **Proven Performance**

Help preserve the planet without sacrificing performance. EBT gloves perform exactly the same as our non-EBT gloves, as proven by third party testing in side-by-side evaluations.



# The Planet is in Your Hands

Consider the number of disposable nitrile gloves used every day. Each one takes over 100 years to fully break down. With EBT, they return to organic matter in only 1-5 years\*, creating a world of difference in every glove.



# showa N-DE)

One of SHOWA's most notable innovative firsts, the groundbreaking innovation of low-modulus nitrile, natural rubber latex free hand protection. This innovation was patented in 1991 and set the bar for all others to follow. N-DEX<sup>®</sup> hand protection is recognized globally as the answer to protecting the millions of humans that are severely allergic to natural rubber latex.

Expanding on the innovation, SHOWA launched the world's first accelerator free, hypo-allergenic, low-modulus nitrile glove.

The latest addition to the N-DEX family of products is the world's first biodegradeable glove, SHOWA N-DEX 6105PF with EBT<sup>®</sup>. Eco Best Technology<sup>®</sup>(EBT) is a patented solution to the massive amounts of gloves that are discarded in landfills. Please read more about EBT on page 7.

# PROUDLY MADE IN

CHEMICAL & LIQUIDS

GENERAL PURPOSE

GRIP

SPECIALTY



# N-DEX® 6205PF

Powder-free, 4-mil, 9.5-inch, disposable low-modulus nitrile glove. Supports breast cancer research.\*

### **KEY BENEFITS**

- + Decreased risk of allergies
- + Easy to put on and remove
- + Tear-away feature in case of
- emergency break
- + Second-skin fit & feel
- + Rolled cuff keeps debris out

<b>POLYMER</b> Nitrile Low-modulus	<b>THICKNESS</b> 4 mil
	LENGTH
LINER	9.5 inches
Disposable	
	COLOR
GRIP	Pink®
Bisque	

### PACKAGING

XS	S	М	L	XL
100 glo	oves pe	r dispe	nser	

10 dispensers per case



# N-DEX® 7700PFT

Powder-free, 4-mil, 9.5-inch, disposable low-modulus nitrile glove. Accelerator-free formulation.

### **KEY BENEFITS**

- + Free from common accelerators found in nitrile gloves
- + Even lower risk of allergies
- + Static-dissipative
- + Hides dirt and grime + Rolled cuff keeps debris out
- + Second-skin fit & feel

<b>POLYMER</b> Nitrile Low-modulus	<b>THICKNESS</b> 4 mil
LINER	LENGTH 9.5 inches
Disposable	
<b>GRIP</b> Bisque fingertips	<b>COLOR</b> Black

### PACKAGING S Μ XL L 50 gloves per dispenser

20 dispensers per case



# N-DEX® 7705PFT

Powder-free, 4-mil, 9.5-inch, disposable low-modulus nitrile glove. Accelerator-free formulation.

### **KEY BENEFITS**

- + Free from common accelerators found in nitrile gloves
- + Even lower risk of allergies
- + Increased visibility due to color
- + Chemical splash protection
- + Rolled cuff keeps debris out
- + Second-skin fit & feel

<b>POLYMER</b> Nitrile Low-modulus	<b>THICKNESS</b> 4 mil
LINER	<b>LENGTH</b> 9.5 inches
Disposable	COLOR

Fluorescent green **Bisque fingertips** 

# PACKAGING

GRIP



100 gloves per dispenser 20 dispensers per case

INSULATED

\* SHOWA will donate a portion of the proceeds from N-DEX\* 6205PF to breast cancer research and support organizations. Color Pink\* and Pink Nitrile\* are registered trademarks owned by Colur World, LLC. 2006. All Rights Reserved.





# N-DEX® **9500PF**

Powder-free, 5-mil, 11-inch, disposable low-modulus nitrile glove. Accelerator-free formulation.

## **KEY BENEFITS**

- + Free from common accelerators found in nitrile gloves
- + Even lower risk of allergies
- + Thicker barrier protection
- + Wrists are well protected
- + Increased visibility due to color
- + Second-skin fit & feel
- + Rolled cuff keeps debris out

POLYMER Nitrile Low-modulus LINER Disposable GRIP Smooth		<b>THICKNESS</b> 5 mil			
			LENGTH 11 inches COLOR Fluorescent greer		
					it green
PACKAGING					
XS	S	М	L	XL	
50 gloves per dispenser 20 dispensers per case					



# N-DEX® **9700PF**

Powder-free, 6-mil, 11-inch, disposable low-modulus nitrile glove. Accelerator-free formulation.

### **KEY BENEFITS**

- + Free from common accelerators found in nitrile gloves
- + Even lower risk of allergies
- + Thicker barrier protection
- + Wrists are well protected
- + Hides dirt and grime
- + Second-skin fit & feel
- + Rolled cuff keeps debris out

<b>POLYMER</b> Nitrile Low-modulus	<b>THICKNESS</b> 6 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	11 inches
<b>GRIP</b>	<b>COLOR</b>
Bisque fingertips	Black

### PACKAGING



50 gloves per dispenser 20 dispensers per case



# N-DEX® 9905PF

Powder-free, 6-mil, 11-inch, disposable low-modulus nitrile glove.

### **KEY BENEFITS**

- + Longer for extended protection
- + Thicker barrier protection
- + Decreased risk of allergies
- + Second-skin fit & feel

POLYMER Nitrile Low-modulus

# THICKNESS 6 mil LENGTH

Disposable

11 inches COLOR

Light blue

### PACKAGING

LINER

GRIP

Smooth



50 gloves per dispenser 20 dispensers per case



# N-DEX®

Powder-free, **6-mil, 11-inch**, disposable low-modulus nitrile glove. **Hand-specific.** 

### **KEY BENEFITS**

- + Hand specific for even better fit
- + Longer for extended protection
- + Thicker barrier protection
- + Decreased risk of allergies
- + Reduces hand fatigue
- + Second-skin fit & feel

<b>POLYMER</b> Nitrile Low-modulus	<b>THICKNESS</b> 6 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	11 inches
<b>GRIP</b>	<b>COLOR</b>
Smooth	Light blue

### PACKAGING





# N-DEX® 8005/PF

8-mil, 9.5-inch, low-modulus nitrile disposable glove. Available lightly-powdered (8005) or powder-free (8005PF).

### **KEY BENEFITS**

- + Chemical splash protection
- + Oil protection
- + Second-skin fit & feel
- + Retains tactile feeling
- + Lower allergy risk
- + Ambidextrous

POLYMER Nitrile Low-modulus	<b>THICKNESS</b> 8 mil
	LENGTH
LINER	9.5 inches
Disposable	
	COLOR
GRIP	Light blue
Smooth	

### PACKAGING



50 gloves per dispenser 20 dispensers per case



# **Disposable Terms to Note**

## **Accelerator-Free**

While nitrile gloves are free from natural rubber latex proteins a minority of individuals may still suffer from allergic reactions. SHOWA N-DEX gloves with accelerator-free formulation remove the common accelerators found in all disposable nitrile gloves, further reducing the risk of common workplace conditions like Type IV dermatitis.

### **Hypoallergenic**

As defined by Meriam-Webster, hypoallergenic means a product has a reduced likelihood of causing an allergic response. Note, this does not mean that the product is allergy-proof.

## **Clean-processed**

Used in clean-room or critical environments. clean-processed products must be free from particulates that could potentially contaminate the product or environment. The primary origin of particules comes from human skin cells, followed by tiny fibers from clothing, hair from the head, body or eyebrows/lashes and traditional packaging. To remove thes particles clean-processed gloves are washed in highly filtered deionised water, processed and packaged in a clean-room environment to prevent post-washing contamination. Instead of being packaged in cardboard dispensers like traditional nitrile disposable gloves, cleanprocessed products are packed in polybags to reduce contamination. (Source: CEMag.us)

# Hand-specific

Due to their low-modulus formulation, all SHOWA N-DEX nitrile gloves will form to the hand within a short period; however, handspecific gloves like 9005PF provide you with an even better fit. Instead of being designed to fit either hand, hand-specific gloves are molded to the unique curvature of each individual hand, increasing your comfort and dexterity, while reducing the chance of cross-contamination.





# N-DEX®

Powder-free, 4-mil, 9.5-inch, disposable low-modulus nitrile glove. **Clean**processed.

### **KEY BENEFITS**

- + Decreased risk of allergies
- + Easy to put on and remove
- + Tear-away feature in case of emergency break
- + Second-skin fit & feel
- + Rolled cuff keeps debris out

<b>POLYM</b> Nitrile Low-me			<b>HICKN</b> I mil	ESS
LINER			ENGTH .5 inche	
<b>GRIP</b> Smooth		-	<b>OLOR</b> ight blu	ıe
РАСКА	GING			
XS	S	М	L	XL

100 gloves per polybag 20 polybags per case



# N-DEX®

Powder-free, **6-mil, 11-inch**, disposable low-modulus nitrile glove. **Clean-processed**.

# **KEY BENEFITS**

- + Longer for extended protection
- + Thicker barrier protection
- + Decreased risk of allergies
- + Second-skin fit & feel

POLYMER
Nitrile
Low-modulus

**THICKNESS** 6 mil

**LINER** Disposable LENGTH 11 inches

COLOR
Light blue

### PACKAGING

GRIP

Smooth

|--|

50 gloves per polybag 20 polybags per case



# CleaN-DEX®

Powder-free, **6-mil**, **12-inch**, disposable low-modulus nitrile glove. **Cleanprocessed.** 

### **KEY BENEFITS**

- + Clean-room device
- + Lower allergy risks
- + Anti-static properties
- + Repels wet substances
- + Cuff keeps debris out of glove
- + Ambidextrous

POLYMER	THICKNESS
Nitrile	6 mil
Low-modulus	
	LENGTH
LINER	12 inches

Disposable

**COLOR** Off white

### PACKAGING

**Bisque fingertips** 

GRIP

XS	S	М	L	XL
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100 gloves per polybag 10 polybags per case

SHOWA INDUSTRIAL SERIES

12



13

# NEW

# **6110PF**

Biodegradable, powder-free, 4-mil, 9.5-inch, disposable low-modulus nitrile glove with Eco Best Technology® (EBT).

# **KEY BENEFITS**

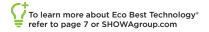
- + Performs same as non-EBT nitrile disposable gloves
- + 100% biodegradable
- + Low-modulus formulation
- + Decreased risk of allergies
- + High performance of protection
- + Second-skin fit & feel

<b>POLYMER</b> Nitrile w/ EBT Low-modulus	<b>THICKNESS</b> 4 mil
	LENGTH
LINER	9.5 inches
Disposable	
	COLOR
GRIP	Green
Smooth	

### PACKAGING



20 dispensers per case







# **7500PF**

Designed with the consumer in mind, SHOWA 7500PF is a competitively-priced 4-mil, powder-free, disposable nitrile glove.

# **KEY BENEFITS**

- + Latex-free
- + Competitively-priced
- + Retains tactility
- + Rolled cuff keeps debris out

<b>POLYMER</b>	<b>THICKNESS</b>
Nitrile	4 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	9.5 inches
<b>GRIP</b>	<b>COLOR</b>
Bisque	Blue
PACKAGING	



100 gloves per dispenser\* 10 dispensers per case

+ DESIGNED FOR CRITICAL **ENVIRONMENTS:** 3005PF SIZES: XS-XL



Competitively-priced 8-mil, powder-free, nitrile glove, the SHOWA 8500PF is designed

for the consumer in mind.

# **KEY BENEFITS**

### + Latex-free

- + Competitively-priced
- + Retains tactility
- + Rolled cuff keeps debris out

POLYMER	THICKNESS
Nitrile	8 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	9.5 inches
<b>GRIP</b>	<b>COLOR</b>
Bisque	Blue

### PACKAGING



20 dispensers per case

# Quality Beyond Compare

# Quality is woven into every fiber of our organization.

We have full control of our industrial ecosystem, enabling us to maintain constant 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.

# [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 gives us a significant advantage over our competition.

# VINYL



# 2005/PF

Featuring a unique "stretch" formulation, SHOWA 2005 is a competitively priced disposable vinyl glove. Available in lightly-powdered (2005) and powder-free (2005PF).

# **KEY BENEFITS**

- + DEHP free
- + Competitively-priced
- + Form fitting comfort
- + Rolled cuff keeps debris out
- + Easy to put on and remove

<b>POLYMER</b>	<b>THICKNESS</b>
Vinyl	5 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	9.5 inches
<b>GRIP</b>	<b>COLOR</b>
Smooth	Clear



100 gloves per dispenser 10 dispensers per case



# 2205SPF

Powder-free vinyl glove, featuring a unique "stretch" formulation that fits and feels like second skin that is suitable for laboratory and industrial applications.

# **KEY BENEFITS**

- + DEHP free
- + Competitively-priced
- + Form fitting comfort
- + Rolled cuff keeps debris out
- + Easy to put on and remove

<b>POLYMER</b>	<b>THICKNESS</b>
Vinyl	5 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	9.5 inches
<b>GRIP</b>	<b>COLOR</b>
Smooth	White

## PACKAGING



100 gloves per dispenser 10 dispensers per case

# NATURAL RUBBER



# 5005PF

An industry-leader in disposable hand protection, SHOWA's 5005PF offers a 5-mil, powder-free natural rubber glove that is suitable for laboratory and industrial applications.

# **KEY BENEFITS**

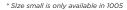
- + Outstanding strength
- + Enhanced grip
- + Maximum dexterity
- + Comfortable fit
- + Easy to put on and remove

<b>POLYMER</b>	<b>THICKNESS</b>
Natural rubber	5 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	9.5 inches
<b>GRIP</b>	<b>COLOR</b>
Bisque	Natural

# PACKAGING



100 gloves per dispenser 10 dispensers per case





# 1005/w1005

Tactile-sensitive, lightlypowdered, 5-mil, natural rubber disposable glove that surpasses similar natural rubber and vinyl gloves. Available in green (1005) and white (W1005).

# **KEY BENEFITS**

- + Outstanding strength
- + Enhanced grip
- + Maximum dexterity
- + Comfortable fit
- + Easy to put on and remove

<b>POLYMER</b>	<b>THICKNESS</b>
Natural rubber	5 mil
<b>LINER</b>	<b>LENGTH</b>
Disposable	9.5 inches
<b>GRIP</b> Smooth	<b>COLOR</b> Green (1005) White (W1005)

## PACKAGING



100 gloves per dispenser 20 dispensers per case







# CHEMICAL & LIQUIDS

# [The Perfect Chemistry]

When it comes to chemical defense, SHOWA leads the pack. Our extensive range of chemical-resistant gloves are designed and tested to repel more than 300 individual chemicals, including acids, caustics, solvents, grease and oil. While the exterior coating of every glove creates an impermeable barrier, our liners absorb perspiration within bringing you the pinnacle of protection and comfort.



NOTE: Chemical products are broken down in the following order 1) coating, 2) supported vs. unsupported, 3) length, then 4) ascending product number.



# 707

Blending the best of disposable and chemical resistant technology, this unlined, unsupported nitrile glove is the perfect hybrid for jobs requiring chemical performance plus optimum fit, feel and comfort.

### KEY BENEFITS

- + Second skin fit & feel
- + Embossed tractor-tread grip+ Impermeable for damp or
- greasy environments
- + "Slip-on" treatment
- + Hand-specific packaging

<b>COATING</b>	<b>LENGTH</b>
Nitrile	12 in.
<b>LINER</b> Unsupported Unlined	<b>THICKNESS</b> 9 mil
<b>GRIP</b>	<b>COLOR</b>
Embossed	Blue
PACKAGING	

# 6/xs 7/s 8/M 9/L 10/xL 11/xxL 25 pair per polybag 6 polybags per case



# 707FL

Blending the best of disposable and chemical resistant technology, this cotton-flock lined, unsupported nitrile glove is the perfect hybrid for jobs requiring chemical performance plus optimum fit, feel and comfort.

### **KEY BENEFITS**

- + Second skin fit & feel
- + Embossed tractor-tread grip
- + Impermeable for damp or
- greasy environments
- + "Slip-on" treatment

<b>COATING</b>	<b>LENGTH</b>
Nitrile	12 in.
<b>LINER</b> Unsupported Cotton-flock	<b>THICKNESS</b> 11 mil
<b>GRIP</b>	<b>COLOR</b>
Embossed	Blue
PACKAGING	



1 dozen pair per polybag 12 polybags per case



# **NM11**

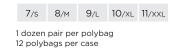
Crafted using special ergonomically designed hand forms to reduce fatigue and enhance comfort, SHOWA NM11 is an 11-mil, unsupported, unlined nitrile glove that creates a barrier between you and a wide range of chemicals.

### **KEY BENEFITS**

- + Flexible, low-modulus glove
- + Nitrile strength, durability and chemical resistance
- + Embossed tractor-tread finish
- + Vice-like wet & dry grip

<b>POLYMER</b>	<b>LENGTH</b>
Nitrile	13 in.
<b>LINER</b>	<b>THICKNESS</b>
Unsupported	11 mil
<b>GRIP</b>	<b>COLOR</b>
Embossed	Green

### PACKAGING



SHOWA

INDUSTRIAL SERIES



# NM15/FL

Engineered to create an impermeable barrier, SHOWA NM15 is a 15mil thick, unsupported nitrile glove designed for multiple uses and a range of applications. Available unlined (NM15) or cottonflock lined (NM15FL).

## **KEY BENEFITS**

- + Flexible, low-modulus glove
- + Nitrile strength, durability and chemical resistance
- + Embossed tractor-tread finish
- + Vice-like wet & dry grip

<b>POLYMER</b> Nitrile	<b>LENGTH</b> 13 in.
<b>LINER</b> Unsupported Unlined (NM15) or	<b>THICKNESS</b> 15 mil
Cotton-flock (NM15FL)	<b>COLOR</b> Green
GRIP Embossed	

### PACKAGING

7/s 8/m 9/l 10/xl 11/xxl

1 dozen pair per polybag 12 polybags per case



# **728**/731

Created with premiumgrade plasticizers and our revolutionary Eco Best Technology® (EBT), SHOWA 728/731 brings you the pinnacle of tactile precision and high-capacity protection against solvents and acids. Available unlined (728) or cotton-flock lined (731).

### **KEY BENEFITS**

- + Biodegradable
- + Bisque finish grip makes wet work easier and safer
- + Tactile precision

<b>COATING</b> Nitrile w/ EBT	<b>LENGTH</b> 13 in.
LINER Unsupported Unlined (728)	<b>THICKNESS</b> 15 mil
Cotton-flock (731)	COLOR Green
<b>GRIP</b> Bisque	

### PACKAGING

6/xs	7/s	8/M	9/L	10/xl	11/xxl

1 dozen pair per polybag 12 polybags per case



TECH

OFGRADAB

At SHOWA, we're always a glove ahead. Our technology has forever improved our industry, what our hands are capable of and the impact we make on our environment. Each year we push boundaries and create breakthroughs—like our Eco Best Technology®—which has led to the world's first biodegradable glove.

An industry-leader in chemical-resistant hand protection, these unsupported gloves are made from a special nitrile compound that is resistant to a broad range of solvents, oils, animal fats and other chemicals. The case-hardened finish enhances both chemical and abrasion resistance and makes donning and doffing easy while the bisque grip makes wet work easier and safer.



100% Nitrile. Available in a range of lengths and thickness.

747	<b>LINER</b> Unlined Unsupported	<b>SPECS</b> 22 mil - thickness 19 in length	<b>GRIP</b> Bisque	<b>COLOR</b> Light Green
	7/s 8/M	9/L 10/XL 11/XXL bag • 12 polybags per ca	se	
737	Unlined Unsupported	22 mil - thickness 15 in length	Bisque	Light Green
	7/s 8/M	9/L 10/XL 11/XXL		
	6 pairs per poly	bag • 12 polybags per ca	se	
730	Cotton-Flock Unsupported	15 mil - thickness 13 in length	Bisque	Light Green
	6/xs 7/s	8/M 9/L 10/XL 11,		
	1 dozen pair per	polybag • 12 polybags p	oer case	
727	Unlined Unsupported	15 mil - thickness 13 in length	Bisque	Light Green
	6/xs 7/s	8/M 9/L 10/XL 11,	/XXL	
	1 dozen pair per	polybag • 12 polybags (	per case	
717	Unlined Unsupported	11 mil - thickness 13 in length	Bisque	Light Green
	6/xs 7/s	8/M 9/L 10/XL 11,	/XXL	
	1 dozen pair per	polybag • 12 polybags	oer case	



730









SHOWA INDUSTRIAL SERIES

SPECIALTY



Fit for fortitude in wet environments, SHOWA 379 creates a shield against oils and slippery liquids with a double-dipped nitrile coating. Endowed with an ultra-tactile foam grip and seamless liner, every pair enables hands to operate at peak performance without ever letting comfort or dexterity slip.

# **KEY BENEFITS**

- + Excellent grip performance and prevents slipping
- + Flexible, robust glove
- + Great dexterity and good resistance to abrasion
- + Waterproof
- + Protection from chemicals, oils, hydrocarbons, benzimes, grease & hexavalent chromium found in concrete
- + Mimics the curvature of a human hand to reduce fatigue

LENGTH

COATING Nitrile

12 in. COLOR

**LINER** Polyester Seamless knit **COLOR** Green/black palm

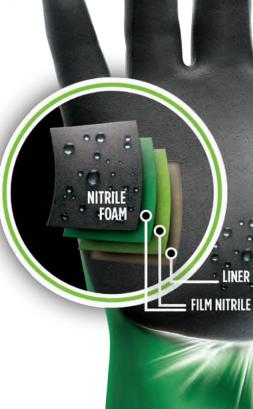
**GRIP** Foam

\_\_\_\_\_

### PACKAGING

8/m 9/l 10/xl 11/xxl

6 dozen per case





INSULATED



Offering excellent protection from a wide array of solvents, oils and acids, each of these gloves feature a full, double nitrile coating and a rough textured finish.



# **ATLAS**®

LINER COLOR			
<b>POLYMER</b> Nitrile	<b>LENGTH</b> 26 in.		
26-inch sle	eve		

Cotton Yellow Polyester

### GRIP Rough

# PACKAGING

7/s 8/м 9/l 10/xl

Individually polybagged 6 dozen per case

# **NSK26**

26-inch sleeve

<b>POLYMER</b>	<b>LENGTH</b>
Nitrile	26 in.
LINER	COLOR
LINER	COLOR
Cotton	Blue

GRIP Rough

# PACKAGING



6 dozen pair per case



NSK26

NSK24

14-inch gauntlet

<b>POLYMER</b> Nitrile	<b>LENGTH</b> 14 in.
<b>LINER</b> Cotton Polyester	<b>COLOR</b> Blue
<b>GRIP</b> Rough	

## PACKAGING

8/s 9/m 10/L 11/XL 6 dozen pair per case

**ATLAS**® 720

12-inch sleeve

POLYMER LENGTH Nitrile 12 in.

LINER COLOR Blue Seamless knit

GRIP Rough

# PACKAGING

12 dozen pair per case

7/s 8/m 9/l 10/xl 11/xxl



22

SHOWA INDUSTRIAL SERIES

# **NATURAL RUBBER**



# 700

Unsupported, cottonflock lined, natural rubber glove that offers everyday protection and performance for a versatile range of industrial pursuits.

### **KEY BENEFITS:**

- + Excellent tactile sensitivity
- + Exceptional tensile strength
- + Good tear and puncture resistance

COATING	<b>LENGTH</b>
Natural rubber	12 in.
<b>LINER</b> Unsupported Cotton-flock	<b>THICKNESS</b> 21 mil
<b>GRIP</b>	<b>COLOR</b>
Bisque	Orange

### PACKAGING

7/s	8/м	9/L	10/xl

Individually polybagged 12 dozen pair per case





# VMU/VMUP

Unsupported, unlined, 18-mil thick, chemicalresistant glove that provides unequalled value, comfort and flexibility.

# **KEY BENEFITS:**

- + Outstanding tactile sensitivity, strength, dexterity & elasticity
- + Tractor-tread pattern encourages liquid run-off
- + Excellent grip, wet or dry
- + Easy donning and doffing

POLYMER Natural rubber

LINER

Unlined

Embossed

GRIP

Unsupported

18 mil COLOR

Amber (VMU) Blue (VMUP)

THICKNESS

LENGTH

12 in.

### PACKAGING



12 dozen pair per case





574

Heavy-duty, unsupported, natural rubber glove and 23inch long sleeve that provides liquid-proof protection against acids, caustics and various solvents.

### **KEY BENEFITS:**

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

POLYMER	<b>LENGTH</b>
Natural rubber	23 in.
<b>LINER</b> Unsupported Unlined	<b>THICKNESS</b> 46 mil
<b>GRIP</b>	COLOR
Bisque	White

### PACKAGING

10/xl 11/xxl

Individually polybagged 6 polybags per case 3 dozen pair per case

23



# NEOPRENE



# CHMY

Engineered with a neopreneover-natural rubber construction, this 22-mil thick, flock-lined glove provides maximum precision with a chemical defense.

# KEY BENEFITS

- + Comfortable, flexible & tactile sensitive
- + Embossed tractor-tread grip that encourages run off of fluids
- + Good resistance to a broad range of chemicals
- + Wear indicator over-dip

Ne	COATING Neoprene over Natural Rubber LINER Unsupported		LENGTH 12 in. THICKNES 22 mil		4
LI					ESS
	otton-f			COLOR Blue/ye	llow
	<b>RIP</b> nbosse	ed			
P	АСКАС	GING			
	7/s	8/м	9/L	10/xl	

1 dozen pair per polybag 12 dozen pair per case



# CHM

Delivering added barrier protection against chemicals, ultra-flexibility and comfort, CHM is a cotton-flock lined, unsupported 26-mil thick, neoprene-over-natural rubber glove.

# **KEY BENEFITS**

- + Comfortable, flexible & tactile sensitive
- + Embossed tractor-tread grip that encourages run off of fluids
- + Good resistance to a broad range of chemicals
- + Wear indicator over-dip

POLYMER	LENGTH
Neoprene over	12 in.
Natural Rubber	THICKNESS
LINER	26 mil
Unsupported	
Cotton-flock	COLOR Black/blue
GRIP	
Embossed	
PACKAGING	

# 7/s 8/m 9/L 10/XL

1 dozen pair per polybag 12 dozen pair per case



# 723

Crafted with 24-mil casehardened, chemically resistant, premium neoprene, SHOWA 723 delivers excellent protection from a wide range of oils and chemicals that degrade natural rubber.

# KEY BENEFITS

- + Resists the effects of heat, sunlight, ozone & aging
- + Good resistance to abrasion and puncture
- + Embossed finish assures a firm grip, wet or dry
- + Lining absorbs perspiration

COATING	LENGTH
Neoprene	13 in.
LINER	THICKNESS
Unsupported	24 mil
Cotton-flock	
	COLOR
GRIP	Black
Embossed	

# PACKAGING



Individually polybagged 12 dozen pair per case

# **NEOPRENE**



Forged with rugged neoprene each glove in this product family is designed for demanding and abrasive applications involving a wide array of caustics, acids, solvents, grease and oils. The cotton liner aborbs perspiration from within keeping you cool and comfortable.

Available in several lengths and cuff styles, each gauntlet is finished with either a rough grip or smooth grip.









Elbow-length gauntlet

COATING Neoprene

LENGTH Elbow-length

LINER Cotton GRIP Smooth (6797) Rough (6797R)

# PACKAGING

10/L 3 dozen pair per case



# 12-inch gauntlet

COATING Neoprene

PACKAGING

10/L

LENGTH 12 in.

LINER Cotton

6 dozen pair per case

GRIP Smooth (6780) Rough (6780R) LINER Cotton

GRIP Smooth

# PACKAGING

10/L

6 dozen pair per case

# 6784/R

14-inch gauntlet

COATING Neoprene

14 in. GRIP

LENGTH

Smooth (6784) Rough (6784R)

# PACKAGING

10/L

LINER

Cotton

3 dozen pair per case



Knit wrist

COATING	LENGTH
Neoprene	Knit wrist

SPECIALTY INSULATED

**CHEMICAL & LIQUIDS** 

GENERAL PURPOSE GRIP

CUT

# We Are SHOWA, the Industry's Chemical Hand Protection Leaders.

SHOWA® is known for being industry experts in chemical & liquid hand protective products. Our job is to protect workers who may be exposed to hazardous chemicals in the worklplace. ASTM and EN 374 information from laboratory testing results are available to our customers.

Please utilize our chemical resistant data located on CHOWAgroup.com by clicking on ChemRest<sup>®</sup>.

Our hand protection is ranked in order of preference for ASTM Normalized Breakthrough Time and ranked with color-coded designations for easy interpretation based on EN 374 performance levels and ANSI/ISEA 105-2005 criteria for performance based selection critieria.



# 3415

SHOWA 3415 features a full neoprene coating with rough particle finish and 15-gauge seamless knit liner. This 14-inch gauntlet creates a defensive barrier between you and a range of chemicals without letting comfort or dexterity slip.

### **KEY BENEFITS**

- + Flexible, consistent film coating
- Protection against a wide range of chemicals, including acids, caustics, solvents, grease & oil
- + Seamless liner prevents irritation
- + Tactile non-slip grip

COATING	
Neoprene	

LENGTH 14 in. COLOR

Seamless knit

Black

**GRIP** Rough

LINER

### PACKAGING





# **NEOPRENE**



# 3414

Highly flexible and chemicalresistant, SHOWA 3414 is a fully coated, cotton-lined, mid-arm gauntlet with an innovative sponge-like grip.

### **KEY BENEFITS**

- + Flexiblity is comparable to an unsupported glove
- + Excellent chemical resistance
- + Can be completely submerged
- + High abrasion resistance
- + Extremely durable

COATING	<b>LENGTH</b>
Neoprene	14 in.
<b>LINER</b>	<b>COLOR</b>
Cotton	Black
<b>GRIP</b> Foam	

### PACKAGING

8/s 9/m 10/L 11/XL

6 dozen pair per case



# 6731

Designed for demanding applications involving chemicals and caustics, SHOWA 6731 provides extended protection with a 31-inch ergo-dynamic, liquidproof sleeve.

### **KEY BENEFITS**

- + Ideal for chemical manufacturers, labs and pollution control workplaces
- + Contours to the arm and shoulder joint
- + Grommet for securely attaching to aprons or other PPE

<b>COATING</b>	<b>LENGTH</b>
Neoprene	31 in.
<b>LINER</b>	<b>COLOR</b>
Cotton	Black

GRIP Smooth

### PACKAGING

10/L

1 pair per polybag



# 6780-20

Rugged yet cool and comfortable, SHOWA 6780-20 is a neoprene-coated 12" gauntlet with an attached 20" nitrile-laminate sleeve for full-arm protection.

### **KEY BENEFITS**

- + Full arm protection
- + Protects against acids, caustics, oils, greases and many solvents
- + Cotton liner helps keep vou cool and comfortable

COATING	
Neoprene	
Nitrile	
LINER	
Seamless knit	

COLOR Black/midnight blue sleeve

LENGTH

32 in.

GRIP Smooth

## PACKAGING

10/L

Sold by the pair



# **BUTYL + VITON**



# **874**/R

SHOWA's 14-mil thick, unlined Butyl glove, features the ultimate combination of protection and dexterity. Available with a smooth (874) or rough (874R) grip.

# **KEY BENEFITS**

- + Protects against ketones, alcohols, nerve agents
- + Provides the highest permeation resistance to gases and water vapors of any protective material used to make gloves
- + Superior resistance to highly corrosive acids

<b>COATING</b> Butyl	<b>LENGTH</b> 14 in.
<b>LINER</b> Unlined	<b>THICKNESS</b> 14 mil
<b>GRIP</b> Smooth (874) Rough (874R)	<b>COLOR</b> Black
PACKAGING	
7. 0.	0.6 10.6 11.6





# **878**/R

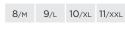
SHOWA's 25-mil thick, unlined Butyl glove that is designed for superior resistance to highly corrosive acids and handling ketones and esters. Available with a smooth (878) or rough (878R) grip.

### **KEY BENEFITS**

- + Protects against ketones, alcohols, nerve agents
- + Provides the highest permeation resistance to gases and water vapors of any protective material used to make gloves
- + Superior resistance to highly corrosive acids

<b>COATING</b>	<b>LENGTH</b>
Butyl	14 in.
LINER	<b>THICKNESS</b>
Unlined	25 mil
<b>GRIP</b> Smooth (878) Rough (878R)	<b>COLOR</b> Black

# PACKAGING



### 1 pair per polybag



# 892

Providing superior resistance to highly corrosive acids and is designed for handling aliphatic and aromatic hydrocarbons, SHOWA's 892 features a 12-mil thick Viton<sup>®</sup> over Butyl unsupported glove.

### **KEY BENEFITS**

- + Protects against aromatics such as benzene, toluene, xylene
- + Excellent barrier to most chlorinated solvents and aliphatic hydrocarbons

COATING	LENGTH
Viton over	12 in.
Butyl	
	THICKNESS
LINER	12 mil
Unlined	
	COLOR
GRIP	Black
Smooth	
PACKAGING	

# 7/s 8/m 9/l 10/xL 11/xxL

1 pair per polybag

28

SHOWA

INDUSTRIAL SERIES



# 890

Engineered with 28-mil thick Viton® over Butyl, SHOWA 890 provides superior resistance to highly corrosive acids and is designed for handling aliphatic and aromatic hydrocarbons.

### **KEY BENEFITS**

- + Protects against aromatics such as benzene, toluene, xylene
- + Excellent barrier to most chlorinated solvents and aliphatic hydrocarbons

<b>COATING</b> Viton over Butvl	<b>LENGTH</b> 14 in.
	THICKNESS
LINER Unlined	28 mil
onimed	COLOR
<b>GRIP</b> Smooth	Black

### PACKAGING

9/L 10/XL 11/XXL

1 pair per polybag



# **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, 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%. 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.



# PVC



# 

# 753

Providing excellent abrasion resistance and protection from a broad range of chemicals, SHOWA 753 is a smooth-gripped, knit-wrist, PVC-coated glove.

# **KEY BENEFITS:**

- + Soft and supple even in cold conditions
- + Liner enhances worker comfort and glove flexibility
- + Exclusive, low-temperatureresistant PVC formulation is recyclable

COATING	<b>GRIP</b>
PVC	Smooth
LINER	<b>COLOR</b>
Cotton	Yellow

# PACKAGING

10/L

6 dozen pair per case

# 803

Featuring a unique, nonslip wet grip, high-grade PVC coating and knit-wrist, SHOWA 803 is an excellent choice for abrasive chemical applications.

# **KEY BENEFITS**

- + Outstanding chemical resistance, wear and flexibility
- + Unique, non-slip wet grip is suitable for handling slick, abrasive materials
- + Soft, jersey liner enhances worker comfort and dexterity

COATING	<b>GRIP</b>
PVC	Rough
LINER	<b>COLOR</b>
Cotton	Green

## PACKAGING

10/L

6 dozen pair per case



# 7703R

With a cotton-lined PVC construction and knit-wrist, SHOWA 7703R provides defensive protection from chemicals, oils and grease, perfect for any and all general-purpose industrial applications.

### **KEY BENEFITS**

- + Outstanding durability
- + Barrier protection from chemicals, oil and grease
- + Abrasion resistant
- + Extremely versatile

COATING	<b>GRIP</b>
PVC	Rough
LINER	<b>COLOR</b>
Cotton	Black

### PACKAGING

### 10/L

6 dozen pair per case

SHOWA

INDUSTRIAL SERIES

# SINGLE USE

 $\cap$ 

# PVC



# 361

The peak of comfort, abrasion resistance and grip, SHOWA 361's PVC coating and 10-inch gauntlet create a defensive barrier between you and a range of chemicals.

# **KEY BENEFITS**

- + Protection against acids, caustics, greases and oil
- Unique, etched-on, crinkle-grip finish provides an excellent grip, wet or dry
- + Additional protection from rough surfaces like metal castings and steel stampings
- + Liner enhances flexibility and worker comfort

COATING	<b>LENGTH</b>
PVC	10 in.
LINER	<b>COLOR</b>
Cotton	Black
<b>GRIP</b> Rough	

### PACKAGING

10/L

6 dozen pair per case



# 810

Featuring a unique, nonslip wet grip, and a 10-inch gauntlet, SHOWA 810 is an excellent choice for abrasive chemical applications.

### **KEY BENEFITS**

- + Outstanding chemical resistance, wear and flexibility
- + Unique, non-slip wet grip is suitable for handling slick, abrasive materials
- + Soft, jersey liner enhances worker comfort and dexterity

COATING	<b>LENGTH</b>
PVC	10 in.
<b>LINER</b>	<b>COLOR</b>
Cotton	Green
<b>GRIP</b> Rough	

# PACKAGING

10/L

6 dozen pair per case



# 7710/R

With a cotton-lined PVC construction combined with a 10-inch gauntlet, SHOWA 7710 provides defensive protection from chemicals, oils and grease. Available with smooth (7710) or rough (7710R) finish.

### **KEY BENEFITS**

- + Outstanding durability
- + Barrier protection from chemicals, oil and grease
- + Abrasion resistant
- + Extremely versatile

COATING	<b>LENGTH</b>
PVC	10 in.
<b>LINER</b>	<b>COLOR</b>
Cotton	Black

# GRIP

Smooth (7710) Rough (7710R)

### PACKAGING

10/L

6 dozen pair per case



# PVC



# ATLAS®

Engineered with soft, comfortable, seamless knit liner and full PVC coating, this ultra-flexible, impermeable glove is ideal for work in damp or greasy environments, while enabling you to grip objects securely.

# KEY BENEFITS

- + Absorbs perspiration
- + Protects against chemicals
- + Designed for easy movement and continuous wear
- + Rough finish provides excellent grip
- + Knit wrist ensures glove stays correctly adjusted

<b>COATING</b>	<b>GRIP</b>
PVC	Rough
LINER Cotton Seamless knit	COLOR Green

# PACKAGING







# 365

The peak of comfort, abrasion resistance and grip, SHOWA 365's PVC coating and 12-inch gauntlet create a defensive barrier between you and a range of chemicals.

# **KEY BENEFITS**

- + Protection against acids, caustics, greases and oil
- + Unique, etched-on, crinkle-grip finish provides an excellent grip, wet or dry
- Additional protection from rough surfaces like metal castings and steel stampings
- + Liner enhances flexibility and worker comfort

COATING	<b>LENGTH</b>
PVC	12 in.
LINER	<b>COLOR</b>
Cotton	Black

### **GRIP** Rough

# PACKAGING

10/L

6 dozen pair per case



# 755

Providing excellent abrasion resistance and protection from a broad range of chemicals, SHOWA 755 is a smooth-gripped, 12-inch gauntlet, PVC-coated glove.

### **KEY BENEFITS**

- + Soft and supple even in cold conditions
- + Liner enhances worker comfort and glove flexibility
- + Exclusive, low-temperatureresistant PVC formulation is recyclable

POLYMER	<b>LENGTH</b>
PVC	12 in.
LINER	<b>COLOR</b>
Cotton	Yellow
<b>GRIP</b> Smooth	

## PACKAGING

# 10/L

6 dozen pair per case

SHOWA

INDUSTRIAL SERIES

SINGLE USE

CUT



# 812

Featuring a unique, nonslip wet grip, and 12-inch gauntlet, SHOWA 812 is an excellent choice for abrasive chemical applications.

### **KEY BENEFITS:**

- + Outstanding chemical resistance, wear and flexibility
- + Unique, non-slip wet grip is suitable for handling slick, abrasive materials
- + Soft, jersey liner enhances worker comfort and dexterity

COATING	<b>LENGTH</b>
PVC	12 in.
LINER	<b>COLOR</b>
Cotton	Green
<b>GRIP</b> Rough	

# PACKAGING

10/L 6 dozen pair per case

# + FOR SMALLER HANDS:

SHOWA L811

LENGTH: 11 in. SIZES: 8/S



# 7712/R

With a cotton-lined PVC construction combined with a 12-inch gauntlet, SHOWA 7712 provides defensive protection from chemicals, oils and grease. Available with smooth (7712) or rough (7712R) finish.

### **KEY BENEFITS:**

- + Outstanding durability
- + Barrier protection from chemicals, oil and grease
- + Abrasion resistant
- + Extremely versatile

COATING	<b>LENGTH</b>
PVC	12 in.
LINER	<b>COLOR</b>
Cotton	Black
GRIP	

Smooth (7712) Rough (7712R)

# PACKAGING

10/L

6 dozen pair per case



620 Strong yet extremely soft

and flexible, ATLAS 620 is a durable, double-dipped medium weight PVC glove that ensures grip and provides liquid-proof protection.

### **KEY BENEFITS:**

- + Excellent abrasion resistance
- + Secure grip
- + High resistance to common acids, bases & solvents
- + Seamless cotton lining for comfort

<b>COATING</b>	<b>LENGTH</b>
PVC	12 in.
LINER	<b>COLOR</b>
Cotton	Orange
<b>GRIP</b> Rough	

# PACKAGING

7/s 8/m 9/l 10/xl 11/xxl

6 dozen pair per case

# ATLAS<sup>®</sup>

# AS SEEN ON DISCOVERY CHANNEL'S DEADHIEST HALLEST

PHOTO CREDIT: DCI DEADLIEST CATCH IS PROPERTY OF DISCOVERY COMMUNICATIONS, LLC. ALL RIGHTS RESERVED.

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ATLAS® **660** 

Armored with triple-dipped heavyweight PVC coating, ATLAS 660 remains undefeated in ultra-durable chemical protection and second-to-none in comfort.

## **KEY BENEFITS:**

- + Heavy-duty defense against chemicals
- + High dexterity
- + Soft, cotton liner absorbs perspiration
- + Offers high-performance grip and tactile feel in greasy and damp environments

<b>COATING</b>	<b>LENGTH</b>
PVC	12 in.
<b>LINER</b>	<b>COLOR</b>
Cotton	Blue
<b>GRIP</b> Rough	

# PACKAGING



6 dozen pair per case

CUT



### 814

Featuring a unique, nonslip wet grip, and a 14-inch gauntlet, SHOWA 814 is an excellent choice for abrasive chemical applications.

#### **KEY BENEFITS:**

- + Outstanding chemical resistance, wear and flexibility
- + Unique, non-slip wet grip is suitable for handling slick, abrasive materials
- + Soft, jersey liner enhances worker comfort and dexterity

COATING	<b>LENGTH</b>
PVC	14 in.
LINER	<b>COLOR</b>
Cotton	Green
<b>GRIP</b> Rough	

#### PACKAGING

10/L

6 dozen pair per case

### **7714**/R

Cotton-lined PVC construction combined with a 14-inch gauntlet, SHOWA 7714 provides defensive protection from chemicals, oils and grease. Available with smooth (7714) or rough (7714R) finish.

#### **KEY BENEFITS**

- + Outstanding durability
- + Barrier protection from chemicals, oil and grease
- + Abrasion resistant
- + Extremely versatile

COATING	<b>LENGTH</b>
PVC	14 in.
LINER	<b>COLOR</b>
Cotton	Black
<b>GRIP</b> Smooth (7714)	

Smooth (7714) Rough (7714R)

### PACKAGING

10/L

6 dozen pair per case

PVC

### **690**

Crafted with a full PVC coating and an extended bonded sleeve, SHOWA 690 provides superior protection from a wide array of chemicals for your whole arm.

### **KEY BENEFITS:**

- + Impermeable for working in damp or greasy environments
- + Elastic border so your sleeve stays correctly adjusted
- + Designed for easy movement and continuous wear
- + Extended protection for the entire arm

<b>COATING</b>	<b>LENGTH</b>
PVC	26 in.
LINER	<b>COLOR</b>
Cotton	Blue
<b>GRIP</b> Rough	

#### PACKAGING



Individually polybagged 6 dozen pair per case



# GENERAL PURPOSE GRIP

### [Grip Like No Other]

Tackle light duty work with versatile hand protection that never lets performance slip. SHOWA's general purpose gloves are engineered for tactical grip and superior efficacy, ideal for common tasks involving slippery liquids and precise handling. From general maintenance and small parts assembly, to heavy lifting and contractor work, these masters of multi-tasking are must-haves for every worker's toolbox.



# **NATURAL RUBBER**



### **ATLAS**® 300

Revered for its comfortconscious construction and tactical grip performance, this natural rubber palm coated 10-gauge knit is ergonomically designed to be the perfect fit for any and all general-purpose jobs.

### **KEY BENEFITS**

- + Excellent wet & dry grip
- + No irritating seams
- + Ergonomic design reduces hand fatique
- + Machine washable

GRIP Natural rubber Rough

COLOR

Light gray/

blue palm

LINER Polyester Cotton 10-gauge

### PACKAGING

7/s	8/м	9/L	10/xL	11/XXL
12 dozen pair per case				



### **ATLAS**® **300B**

Featuring a black natural rubber palm coating and dark gray, 10-gauge polyester and cotton knit liner, ATLAS 300B is designed to be the perfect fit for dirty, general purpose jobs.

#### **KEY BENEFITS**

- + Excellent wet & dry grip
- + No irritating seams
- + Ergonomic design reduces hand
- fatigue
- + Machine washable
- + Dark color helps hide grime

#### COATING Natural rubber

Rough LINER Polyester Cotton

COLOR Gray/black palm

GRIP

### PACKAGING

10-gauge





**ATLAS**® 305

Crafted for heavy-duty defense with unsurpassed comfort and grip, ATLAS 305 features a three-guarter, blue natural rubber latex coating and a gray, 10-gauge knit liner.

#### **KEY BENEFITS**

- + Designed for optimal fit & comfort
- + Lightweight coating
- + Maximum grip and dexterity
- + Elastic cuff secures glove in place
- + Coated knuckles provide added protection

<b>COATING</b>	<b>GRIP</b>
Natural rubber	Rough
LINER Polyester Cotton 10-gauge	<b>COLOR</b> Gray/blue coating

#### PACKAGING

7/s	8/м	9/L	10/xL
12 dozen pair per case			

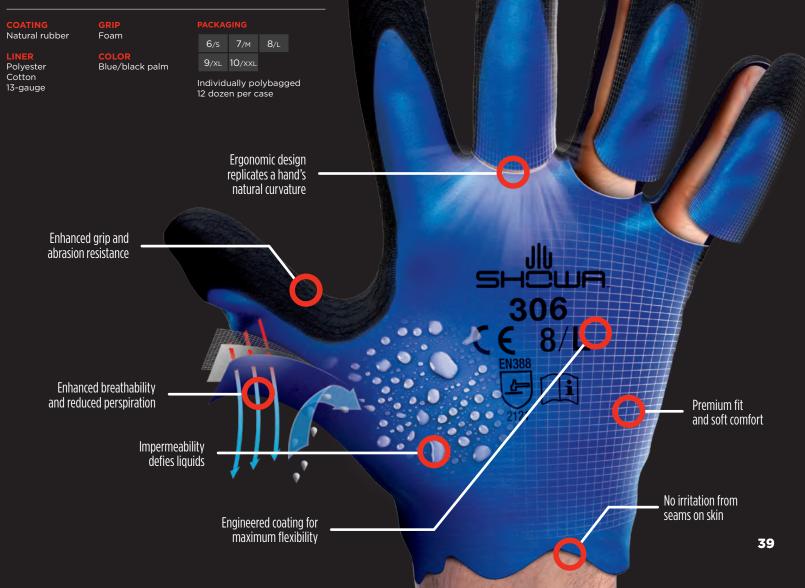
38

SHOWA

INDUSTRIAL SERIES



Built to excel in the elements year-round, 306 combines our revolutionary, dual natural rubber technology with a supple 13-gauge seamless knit to provide everyday protection and performance for a versatile range of outdoor pursuits.



# SHOWA.

SHOWA<sup>®</sup> introduced the ATLAS line of products in the Americas in 1994. Years of painstaking Research & Development resulted in a revolutionary multipurpose glove. The ergonomic design of this technology replicates the hand's natural curvature, thus eliminating hand fatigue. Moreover, this technological breakthrough dramatically improved the fit, feel and comfort of hand protection. The natural rubber latex flat-dip offers enhanced grip and abrasion resistance, which reduces injuries and creates a loyal following of this impressive family of products.

SHOWA is known for extensive investment in the creation of unique hand formers, and manufacturing processes that has set the bar in hand protection. This investment comes to life throughout of our product portfolio. SHOWA products are world-renowned for the aforesaid attributes and, as a result, many competitors strive to replicate SHOWA products.

ALWAYS INNOVATING. NEVER IMITATING.

CUT

# **NATURAL RUBBER**



### **ATLAS**® 317

Created to provide protection in low light visibility, ATLAS 317 advanced grip technology is the go-to for both wet and dry environments.

### **KEY BENEFITS**

- + Increased visibility in low light
- + Excellent wet & dry grip
- + Mimics the curvature of the hand to reduce fatigue
- + Wear resistant
- + Mechanical resistant
- + Machine washable

COATIN	IG
Natural	rubber

LINER	COLOR
Polyester	Fluorescent yellow/
Cotton	orange palm
10-gauge	

GRIP Rough

#### PACKAGING



12 dozen pair per case



### ATLAS<sup>®</sup> 330

Formed with a reinforced thumb crotch for long-lasting comfort and natural rubber palm coating, ATLAS 330 provides top-notch abrasion resistance and grip, no matter how tough the task.

#### **KEY BENEFITS**

- + Designed for optimal fit & comfort
- + Excellent wet & dry grip
- + Added durability
- + Mimics the curvature of the hand to reduce fatigue
- + Machine washable

<b>COATING</b> Natural rubber	<b>GRIP</b> Rough
<b>LINER</b> Polyester Cotton 10-gauge	<b>COLOR</b> Gray/black palm
PACKAGING	

#### PACKAGING



12 dozen pair per case



**ATLAS**® 341

Engineered with advanced grip technology and a lightweight, 13-gauge seamless knit, ATLAS 341 provides the perfect combination of dexterity, tactility and comfort for a range of applications.

#### **KEY BENEFITS**

\_\_\_\_

- + Improved coating for even more enhanced grip
- + Breathable knit & coating
- + Superior flexibility & softness
- + Mimics the curvature of the hand to reduce fatigue

COATING	GRIP
Natural rubber	Rough

LINER	COLOR
Polyester	Blue/black palm
Cotton	
13-gauge	

### PACKAGING





# **NATURAL RUBBER**



The industry's first wrinkle-finished, heavy-duty, natural rubber-coated glove. This family of gloves provide 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



# NATURAL RUBBER

### **67NFW**

Full coating, 14-inch gauntlet

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

#### PACKAGING

9/м	10/L	11/xL
3 dozen pair per case		

### 63NFW

Full coating, knit wrist

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

#### PACKAGING

10/L

6 dozen pair per case

### **66NF**

Palm coating, safety cuff

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

#### PACKAGING

10/L

6 dozen pair per case

### 65NFW

Full coating, 12-inch gauntlet

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

### PACKAGING

9/м 10/L 11/xL 3 dozen pair per case

### 99NFWPCP

Palm coating, reinforced palm patch, gauntlet

COATING GRIP Natural rubber Rough

LINER Cotton **COLOR** White/yellow palm

#### PACKAGING

9/m 10/l 11/xL

6 dozen pair per case

### 66NFW/L66NFW\*

Palm coating, safety cuff

COATING GRIP Natural rubber Rough LINER COLOR

 LINER
 COLOR

 Cotton
 White/yellow palm

### PACKAGING

8/s 10/L

6 dozen pair per case

### 64NFW

Full coating, 10-inch gauntlet

<b>COATING</b> Natural rubber	<b>GRIP</b> Rough	
LINER	COLOR	

Yellow

### PACKAGING

Cotton

10/L

3 dozen pair per case

### **99NFW**

Palm coating, gauntlet

COATING	GRIP
Natural rubber	Roug

rubber	Rough	
	COLOR	

White/yellow palm

### PACKAGING

LINER Cotton

10/L 6 dozen pair per case

### 63PNFW/L63PNFW\*

Palm coating, knit wrist

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

#### PACKAGING

8/s	10/L



# NITRILE



### **ATLAS**® 380

Engineered with a lightweight, 13-gauge seamless knit and embossed waffle-pattern foam nitrile palm coating that provides optimal grip across a range of applications.

### **KEY BENEFITS**

- + Strong grip on wet & dry surfaces
- + Open back reduces perspiration
- + Extended-cuff for added protection
- + Mimics the curvature of a human hand to reduce fatigue
- + Optimal dexterity and comfort
- + Lint-free liner

<b>COATING</b> Foam nitrile	<b>GRIP</b> Embossed
<b>LINER</b> Seamless knit 13-gauge	<b>COLOR</b> Blue/black palm

### PACKAGING

6/s 7/M 8/L 9/XL

12 dozen pair per case



### 381

Crafted for long-lasting comfort and optimal grip, SHOWA 381 combines an ultra-soft, lightweight, 13-gauge knit with an embossed "s" shaped foam nitrile palm coating that encourages liquid to roll off your hand.

### **KEY BENEFITS**

- + Oil-resistant coating
- + Exceptional grip in all conditions
- + Maximum tactility and dexterity
- + Extended-cuff for added protection
- + Mimics the curvature of a human hand to reduce fatigue

COATING	
Foam nitrile	

Embossed COLOR

GRIP

Gray/black palm

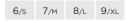
#### PACKAGING

LINER

Nylon

Microfiber

13-gauge



12 dozen pair per case



### 376

Providing outstanding performance in the most demanding conditions, SHOWA 376 combines a three-quarter nitrile coating doubled with foam palm coating with a 13-gauge seamless knit.

### **KEY BENEFITS**

- + Long-cuff for extended protection
- + Excellent oil grip
- + Liquid resistant to end of coating
- + Warmth, protection and comfort
- + Limited chemical splash protection
- + Mimics the curvature of a human hand to reduce fatigue

COATING	GRIP
Nitrile	Foam
Foam nitrile	
	COLC
LINER	Black
Seamless knit	coatir

DR k/blue coating/black palm

### PACKAGING

13-gauge



6 dozen pair per case

SHOWA

INDUSTRIAL SERIES





377

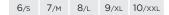
Championed for its ultratactile grip and superior durability, this 13-gauge seamless knit features a full, thin, nitrile coating doubled with an absorbent foam nitrile palm coating and extended cuff for added protection.

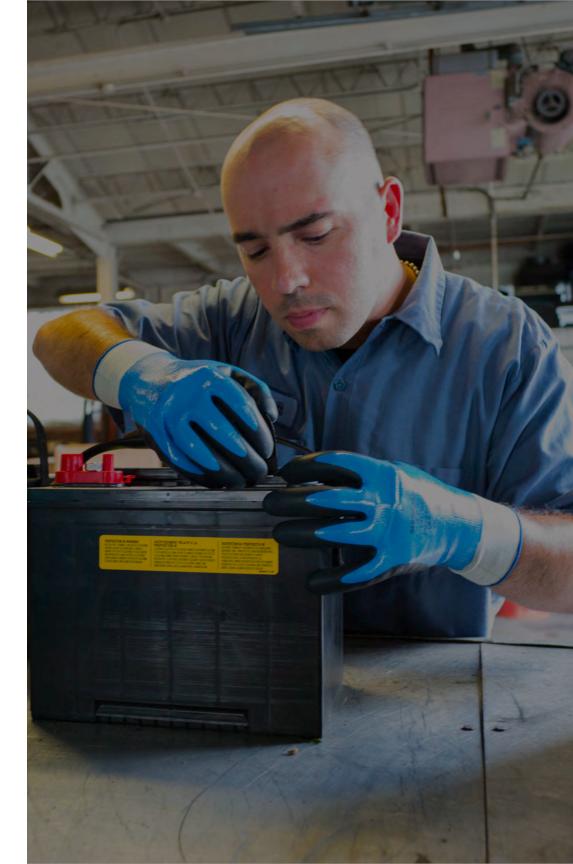
### **KEY BENEFITS**

- + Excellent wet & oil grip
- + Liquid-resistant to knit wrist
- + Warmth, protection and comfort
- + Splash protection against wide range of chemical substances
- + Mimics the curvature of a human hand to reduce fatigue

COATING	GRIP
Nitrile	Foam
Foam nitrile	
	COLOR
LINER	Blue coating/
Seamless knit	black palm
13-gauge	

### PACKAGING







### **Zorb-IT® Technology**

SHOWA has an extensive portfolio of products in multi-purpose and cut-resistance clusters that are coated with Zorb-IT<sup>®</sup> Technology. This sponge nitrile, flat-dipped coating absorbs grease and oil from the surface of the palm, allowing the user to maintain a strong grip even in the oiliest of conditions without sacrificing safety. All of our gloves coated with Zorb-IT<sup>®</sup> Technology are proudly made in the USA.

# PROUDLY MADE IN



### 4550

Crafted with a 15-gauge seamless knit and our highperformance, oil-resistant Zorb-IT<sup>®</sup> technology, 4550 absorbs oil and grease while still delivering a maximum long-lasting grip.

### **KEY BENEFITS**

- + Absorbs almost 2x as much oil
- + Unparalleled dry & oil grip
- + Breathable & durable
- + Machine washable doesn't shrink or delaminate

**COATING** Nitrile

G

**GRIP** Sponge

**LINER** Seamless knit 15-gauge **COLOR** White/gray palm

#### PACKAGING

6/xs 7/s 8/m 9/L 10/xL

## NITRILE



### 4575

Created with a deeper-dip and our Zorb-IT® technology, 4575 combines added protection for the back of the hand with sponge-nitrile technology for a range of industrial applications.

### **KEY BENEFITS**

- + Complete knuckle coverage
- + Machine washable doesn't shrink or delaminate
- + Highly oil resistant
- + Absorbs almost 2x as much oil
- + Unparalleled dry & oil grip

<b>COATING</b>	<b>GRIP</b>
Nitrile	Sponge
<b>LINER</b> Seamless knit 15-gauge	<b>COLOR</b> White/gray coating

#### PACKAGING



6 dozen pair per case



### 4540

Abrasion-resistant yet breathable, 4540 uses Zorb-IT® technology over a 15-gauge seamless knit to provide high-performance grip and sensitivity for optimal comfort and ability.

### **KEY BENEFITS**

- + Breathable liner & coating
- + Absorbs almost 2x as much oil
- + Unparalleled dry & oil grip
- + Dark color hides grime
- + Machine washable doesn't shrink or delaminate

<b>COATING</b>	<b>GRIP</b>
Nitrile	Sponge
<b>LINER</b>	<b>COLOR</b>
Seamless knit	Black/black palm
15-gauge	,

#### PACKAGING

6/xs	7/s	8/м	9/L	10/XL
------	-----	-----	-----	-------

6 dozen pair per case



### 4570

Engineered to produce outstanding grip in the most oily and greasy conditions, 4570 is outfitted with our Zorb-IT<sup>®</sup> technology and designed for high-visibility protection.

### KEY BENEFITS

- + Increased visibility in low lighting
- + Absorbs almost 2x as much oil
- + Unparalled dry & oil grip
- + Breathable & durable
- + Machine washable doesn't shrink or delaminate

<b>COATING</b> Nitrile	<b>GRIP</b> Sponge
<b>LINER</b> Seamless knit 15-gauge	<b>COLOR</b> Orange/gray palm
PACKAGING	

7/ѕ 8/м	9/L	10/xi

6 dozen pair per case

CUT







Engineered with our **Eco Best Technology**<sup>®</sup> (EBT) and Zorb-IT<sup>®</sup> technology, this planet friendly milestone is ideal for multi-use applications across a range of industries.

### **KEY BENEFITS**

- + Biodegradable
- + A flexible, robust glove providing great dexterity
- + Breathable liner for comfort
- + Good resistance to abrasion
- + Absorbs almost 2x as much oil
- + Protects against oils, grease & hydrocarbons
- + Long-lasting oil & dry grip

COATING Nitrile w/EBT GRIP Sponge COLOR

Green/green palm

Seamless knit w/ EBT 15-gauge

#### PACKAGING

6/xs 7/s 8/m 9/l 10/xL

6 dozen pair per case

SPONGE NITRILE GRIP FINISH



LINER + COATING ENGINEERED WITH ECO BEST TECHNOLOGY®

CUT



# ATLAS® **350**

Crafted with a durable nitrile coating over a 10-gauge seamless knit liner, ATLAS 350 is the perfect storm of comfort, oil-resistance, and grip, ideal for a range of applications.

#### **KEY BENEFITS**

- + High flexibility & dexterity
- + Abrasion & tear resistant
- + Breathable, ventilated back
- + Surface provides tactile feel & secure grip
- Designed for easy movement & continuous wear

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b> Polyester Cotton 10-gauge	<b>COLOR</b> Gray/green palm

#### PACKAGING

7/s 8/m 9/l 10/xL

12 dozen pair per case



# **370B**

Perfect for precise handling and general assembly, this nitrile palm coated, seamless knit's lightweight construction fits, and feels, like second skin.

#### **KEY BENEFITS**

- + Excellent dry grip
- + High flexibility & dexterity
- + Breathable, ventilated back
- + Designed for easy movement & continuous wear
- + Machine washable

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b> Nylon 13-gauge	<b>COLOR</b> Black/gray palm

### PACKAGING

6/s	7/м	8/L	9/xL	10/xxl
10 -1			_	

12 dozen pair per case

ATLAS<sup>®</sup>

Featuring a lightweight, 13-gauge seamless knit and and durable nitrile palm coating, ATLAS 370W is ideal for precise handling and general assembly.

#### **KEY BENEFITS**

- + Excellent dry grip
- + High flexiblity & dexterity
- + Breathable, ventilated back
- + Designed for easy movement & continuous wear
- + Machine washable

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b> Nylon 13-gauge	<b>COLOR</b> White/white palm

### PACKAGING



Outfitted to handle rough, abrasive materials, these gloves feature an exclusive nitrile coating that provides a superior barrier to oil and grease, excellent cut, snag, puncture, and abrasion resistance.

Designed to last, every glove in this product family is an economical and superior replacement to leather.

Available in a variety of styles, lengths and finishes to achieve unparalleled protection and performance without compromise.











# **NITRILE**

### **7000PR**

Palm coating, knit wrist

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
LINER	<b>COLOR</b>
Cotton	White/navy palm

#### PACKAGING

8/s	9/м	10/L
6 dozen pair per case		

### 7066

Palm coating, safety cuff

<b>COATING</b>	<b>GRIP</b>
Nitrile	Smooth
<b>LINER</b>	<b>COLOR</b>
Cotton	White/navy palm

#### PACKAGING

8/s 9/M 10/L 6 dozen pair per case

### 7066R

Palm coating, safety cuff

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
LINER	<b>COLOR</b>
Cotton	White/navy palm

#### PACKAGING

8/s 9/M 10/L

6 dozen pair per case

### 7000

Full coating, knit wrist

<b>COATING</b>	<b>GRIP</b>
Nitrile	Smooth
<b>LINER</b>	<b>COLOR</b>
Cotton	Navy

### PACKAGING

9/m 10/l 11/xL 6 dozen pair per case

### 7166

Full coating, safety cuff

<b>COATING</b>	<b>GRIP</b>
Nitrile	Smooth
<b>LINER</b>	<b>COLOR</b>
Cotton	Navy

PACKAGING

10/L

6 dozen pair per case

### 7166R

Full coating, safety cuff

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b>	<b>COLOR</b>
Cotton	Navy

### PACKAGING

10/L 6 dozen pair per case **7000R** 

Full	coating,	knit	wrist	

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b>	<b>COLOR</b>
Cotton	Navy

### PACKAGING

9/м	10/L
6 dozer	n pair per case

### 7199NC

Full coating, 5-inch nitrile reinforced gauntlet

<b>COATING</b>	<b>GRIP</b>
Nitrile	Smooth
<b>LINER</b>	<b>COLOR</b>
Cotton	Navy

### PACKAGING

10/L

6 dozen pair per case

### **7199NCR**

Full coating, 5-inch nitrile reinforced gauntlet

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b>	<b>COLOR</b>
Cotton	Navy

### PACKAGING

10/L

6 dozen pair per case

51

INSULATED



# NITRILE



### 4500

Recognized for its ease of wear and comfort, SHOWA 4500 delivers a flexible protection for a broad range of applications.

### **KEY BENEFITS**

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

<b>COATING</b>	<b>GRIP</b>
Nitrile	Smooth
<b>LINER</b>	<b>COLOR</b>
Nylon	Green/green palm
PACKAGING	

6/xs	7/s	8/м	9/L	10/xL
6 dozei	n pair p	è		



### 2745

A cut and sewn four-piece innovation, SHOWA 2745 features advanced grip technology outfitted for window manufacturing and other general-purpose applications.

### **KEY BENEFITS**

- + Coating exhibits release properties when handling adhesives & sealants
- + Easy donning and doffing
- + Cotton back for breathable comfort
- + Abrasion resistant

<b>COATING</b>	<b>GRIP</b>
Proprietary	Rough
<b>LINER</b> Cotton	<b>COLOR</b> Striped back/ yellow coating

### PACKAGING



6 dozen pair per case



### 2790

Designed to outperform similar leather driver's gloves, SHOWA 2790 is endowed with a gunn-cut, wing-thumb construction and a shirred back for extra resistance and protection.

#### **KEY BENEFITS**

- + Easy donning & doffing
- + Abrasion resistant
- + Tear resistant
- + Flexible
- + Good dexterity
- + Breathable back of hand

COATING	GRIP
Laminated nitrile	Rough
LINER	COLOR
Cotton	Striped bac
	navy coating

#### PACKAGING



**PVC** 

G 33

CUT



### 70

Crafted with a breathable PVC coating and a slip-on design, the SHOWA 70 is designed to replace similar lightweight cotton and leather gloves.

### **KEY BENEFITS**

- + Coating ensures breathability
- + Easy donning and doffing
- + Excellent abrasion resistance
- + Wet and dry grip

COATIN PVC	IG		<b>GRIP</b> Roug	
<b>LINER</b> Cotton		<b>COLOR</b> Yellow		
PACKAGING				
6/xs	7/s	8/м	9/L	10/XL

12 dozen pair per case



### 960

Providing workers a breathable option to bulky, inferior cotton or leather gloves, this heavy-duty general purpose workhorse is fully-coated with PVC and features a cotton liner and s.

### **KEY BENEFITS**

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

COATING	<b>GRIP</b>
PVC	Rough
LINER	<b>COLOR</b>
Cotton	Yellow

### PACKAGING

8/s 9/m 10/l 11/xL\*

6 dozen pair per case

### 961

One of the world's first seamless, breathable PVC work gloves, SHOWA 961 features a knit wrist, cotton liner and heavy-duty protection.

### **KEY BENEFITS**

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

COATING	<b>GRIP</b>
PVC	Rough
<b>LINER</b>	<b>COLOR</b>
Cotton	Yellow

### PACKAGING

8/s	9/м	10/L
6 dozei	n pair p	oer case







# CUT

### [Perfection Cuts No Corners]

Equip your hands with SHOWA's highest degree of defense against cuts and lacerations. Engineered with Hagane Coil Technology, these gloves utilize the same high-quality, highcarbon steel used for centuries in constructing Samurai swords. Woven into the fabric of each glove, this stand-alone technology provides highperformance, heavy-duty armor for your hands, without compromising comfort.

### S-TEX303 **A CUT** ABOVE

1

2

Engineered with a natural rubber palm coating on a 10-gauge seamless, cut-resistant knit liner reinforced with stainless steel. Keylar<sup>®</sup> and our patented Hagane Coil® technology, S-TEX 303 provides the highest degree of cut protection without sacrificing dexterity.

### **KEY BENEFITS**

### + ANSI cut level 5

- + Superior cut resistance and mechanical resistance
- + Excellent wet & dry grip
- + High dexterity & flexibility
- + Breathable, ventilated back

### COATING . Natural rubber

LINER Hagane Coil® Kevlar<sup>®</sup> Stainless Steel COLOR Yellow/black palm

GRIP

Rough

### PACKAGING

#### 9/L 10/XL 7/s 8/M

6 dozen pair per case



### HAGANE COIL® NOLOGY

Hagane steel is the high carbon steel used in forging Samurai fighting swords. By utilizing a unique coiling technique that twists an attending yarn loosely around a stainless steel core, this technique provides superior protection even as the hand bends and flexes.\*

SCHEMATIC OVERVIEW OF S-TEX 1 Polyester **2** Stainless Steel

# **ANSI CUT LEVEL 5**



### 917

Uncoated, 7-gauge seamless cut-resistant knit, engineered with 4-strands of Stainless Steel.

### **KEY BENEFITS**

- + ANSI cut level 5\*
- + Enhanced grip
- + Mechanical resistant
- + Breathable, ventilated back

COATING PVC		<b>GRIP</b> Dotted		
LINER Stainless Steel (4-strands)		<b>COLOR</b> White/white dots		
РАСКА	GING			
6/xs	7/s	8/м	9/L	10/XL
12 gloves per case				

SHOWA 917C SIZES: 6/XS - 10/XL Hand-specific 917C-RH or 917C-LH 

### 8110

Uncoated, 10-gauge wire-free knit engineered with High Performance Polyethylene (HPPE) and a specialized wrapping process, SHOWA 8110 naturally fits your hand for maximum protection.

#### **KEY BENEFITS**

- + ANSI cut level 5
- + Optimal dexterity
- + Breathable, seamless knit
- + Launderable

Uncoated
<b>COLOR</b> Blue & white

### PACKAGING

6/xs	7/s	8/м	9/L	10/XL	11/xxl
12 gloves per case					



8127

Designed for long-lasting comfort and optimal fit, SHOWA 8127 is an uncoated, 7-gauge wire-free knit engineered with HPPE and a specialized wrapping process to deliver maximum protection.

#### **KEY BENEFITS**

- + ANSI cut level 5
- + Ambidextrous
- + Breathable, seamless knit
- + Launderable

COATING	<b>GRIP</b>
Uncoated	Uncoated
<b>LINER</b> HPPE Wire-free	COLOR Blue & white

### PACKAGING

6/xs	7/s	8/м	9/L	10/xL
12 gloves per esse				

12 gloves per case

SINGLE USE

CUT

\* ANSI/ISEA 105-2005 American National Standards for Hand Protection Selection Criteria. Kevlar\* is a registered trademarks of E.I. du Pont de Nemours and Company. Kevlar\* is cut-resistant but not cut-proof. Do not subject to high speed moving parts or serrated edges.



# **ANSI CUT LEVEL 4**



### S-TEX**300**

Using patented Hagane Coil® Technology, S-TEX® 300 combines a natural rubber palm coating and 10-gauge fluorescent knit for excellent cut-resistance with unmatched comfort and dexterity.

### KEY BENEFITS

- + ANSI cut level 4
- + High abrasion resistance
- + Optimal wet & dry grip
- + Breathable, ventilated back
- + Increased visibility in low light

#### **COATING** Natural rubber

**GRIP** Rough

LINER COLOR Hagane Coil\* Fluorescent yellow Polyester /black palm Stainless Steel

### PACKAGING

7/s 8/m 9/L 10/XL

6 dozen pair per case



### S-TEX**350**

Combining a 10-gauge seamless fluorescent knit reinforced with Hagane Coil® Technology and a durable nitrile palm coating, SHOWA S-TEX 350 is designed for high-visibility cut-protection.

### **KEY BENEFITS**

- + ANSI cut level 4
- + High abrasion & puncture resistance
- + Effective long lasting grip in oil
- + Breathable, ventilated back
- + Increased visibility in low light

GRIP

Rough

#### COATING

Nitrile

LINER Hagane Coil® Polyester Stainless Steel **COLOR** Fluorescent yellow /green palm

#### PACKAGING



### 6 dozen pair per case



### S-TEX**376**

Cut- and liquid-resistant, SHOWA S-TEX 376 combines a three-quarter nitrile coating, and foam nitrile palm-coating over 10-gauge seamless knit reinforced with Hagane Coil® Technology.

#### **KEY BENEFITS**

- + ANSI cut level 4
- + Abrasion, cut & liquid resistant
- + Liquid-proof to end of coating
- + Optimal grip in wet & oily conditions
- + Breathable, ventilated back
- + Ultra-flexible & durable

COATING	<b>GRIP</b>
Nitrile	Foam
<b>LINER</b> Hagane Coil® Polyester Stainless Steel	<b>COLOR</b> Gray/blue/ black palm

#### PACKAGING

	6/s	7/м	8/L	9/xL	10/xxl
6 dozen pair per case					

58

SHOWA

INDUSTRIAL SERIES



### S-TEX**540**

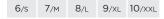
Engineered with a lightweight, breathable polyurethane palm coating over a white, 13-gauge seamless knit reinforced with stainless steel and our patented Hagane Coil® Technology.

### **KEY BENEFITS**

- + ANSI cut level 4
- + High abrasion resistance
- + Excellent grip
- + Maximum dexterity & comfort

<b>COATING</b>	<b>GRIP</b>
Polyurethane	Rough
LINER Hagane Coil® Polyester Stainless Steel	<b>COLOR</b> White/white palm

#### PACKAGING



6 dozen pair per case



### S-TEX**541**

Reinforced with stainless steel and Hagane Coil® Technology, S-TEX 541 features a lightweight, breathable polyurethane palm coating over a black, 13-gauge seamless knit.

### KEY BENEFITS

- + ANSI cut level 4+ High abrasion resistance
- + High abrasion resistar
- + Excellent grip
- + Maximum dexterity & comfort
- + Dark color extends wearable life

<b>COATING</b> Polyurethane	<b>GRIP</b> Rough
<b>LINER</b> Hagane Coil® Polyester Stainless Steel	<b>COLOR</b> Black/gray palm

#### PACKAGING



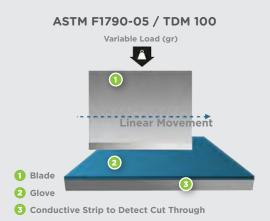
6 dozen pair per case



### Cut Tests Explained E.g. Hypothesis.

To achieve ANSI/ISEA 105 cut-resistance performance level 4, a glove must withstand 1,500-3,499 grams. Let's say you specify a cut Level 4 glove in your facility. What is to stop someone from submitting a glove that barely surpasses 1,500 grams versus a glove that is 3,000 grams? Clearly both products would be considered ANSI cut level 4 gloves, but that's 2 times the cut-resistance! Would you really want to use these two gloves interchangeably?

This scenario can happen in most of the levels if the end-user is content on merely specifying the levels and not tuning into the gram score. The key advice is to compare gram scores and not cut levels.



The ANSI/ISEA 105 cut performance levels are based on values obtained using the ASTM F1790 method. The latest ASTM standard for measuring cut resistance is the 2005 method (ASTM F1790-05).

In the ASTM F1790 test method, the sample is cut by a straight-edge blade, under load, that moves along a straight path. The sample is cut five times each at three different loads and the data is used to determine the required load to cut through the sample at a reference distance of 25 mm (1.0 in.) or 20 mm (0.8 in.).

Source: DuPont™ Kevlar\*

# 3416 THE PERFECT [NEW]

Constructed with a 13-gauge seamless knit liner for maximum comfort and endurance, this 14-inch fully coated neoprene gauntlet combines the best of cut and chemical-resistant technology.

### **KEY BENEFITS**

- + ANSI cut level 4
- + Defends against acids, caustics, solvents, grease & oil

GRIP

Black

Rough

- + Flexible coating
- + Tactile non-slip grip

COATING Neoprene LINER COLOR

Engineered yarn

#### PACKAGING

8/s	9/м	10/L	11/xL

6 dozen pair per case





TACTILE NON-SLIP GRIP

FLEXIBLE

CHEMICAL

RESISTANT COATING

# ANSI CUT LEVEL 4



### **430** [NEW]

Forged with 10-gauge seamless, cut-resistant high-performance knit and flat-dipped into a bi-polymer sponge coating, SHOWA 430 provides cutting edge resistance with a flexible, comfortable feel.

### **KEY BENEFITS**

- + ANSI cut level 4
- + Protects from oils, hydrocarbons, grease & abrasion
- + Ideal for oily applications where sharp edges are prevalent
- + Maximum dexterity

<b>COATING</b>	<b>GRIP</b>
Bi-Polymer	Sponge
<b>LINER</b>	<b>COLOR</b>
High performance	Gray/black
Seamless knit	palm

#### PACKAGING



6 dozen pair per case



### 230

Combining our Zorb-IT® tactile grip technology with a 10-gauge HPPE engineered knit, SHOWA 230 has been constructed to endure the extreme.

### **KEY BENEFITS**

- + ANSI Cut Level 4
- + Protects from oils, hydrocarbons, grease & abrasion
- + Ideal for oily applications where sharp edges are prevalent
- + Breathable back of hand to reduce perspiration

<b>COATING</b>	<b>GRIP</b>
Nitrile	Sponge
<b>LINER</b> HPPE Nylon Lycra®	<b>COLOR</b> Black & white/ gray palm

#### PACKAGING

7/s 8/m 9/l 10/xl 11/xxl

6 dozen pair per case



### 250

Delivering gladiator-worthy cut protection and optimum oil grip, SHOWA 250 is outfitted with a sponge nitrile palm coating and 13-gauge high-performance knit reinforced with Kevlar<sup>®</sup>.

### **KEY BENEFITS**

- + ANSI Cut Level 4
- Withstands abrasions, snags and punctures
- + Ideal for oily applications where sharp edges are prevalent
- + Maintains cut performance after multiple launderings
- + Breathable back of hand to reduce perspiration

<b>COATING</b>	<b>GRIP</b>
Nitrile	Sponge
<b>LINER</b>	<b>COLOR</b>
Kevlar®	Yellow & black/
Stainless Steel	black palm

#### PACKAGING

7/s8/м9/L10/xL11/xxL6 dozen pair per case

SINGLE USE

0

5

Kevlar\* is a registered trademarks of E.I. du Pont de Nemours and Company. Kevlar\* is cut-resistant but not cut-proof. Do not subject to high speed moving parts or serrated edges.



# **ANSI CUT LEVEL 4**

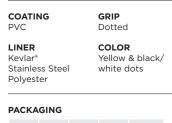


### **250D2S**

Cutting-edge combination of Kevlar®, stainless steel and polyester, this 13-gauge highperformance knit features a dotted PVC coating for an elevated grip.

### **KEY BENEFITS**

- + ANSI Cut Level 4
- + Durable resistance to abrasions + Maintains cut performance after multiple launderings









### **910C**

Constructed with HPPE fibers, stainless steel, SHOWA 910C utilizes a specialize wrapping process to offer excellent cut resistance and PVC dots for secure grip.

### **KEY BENEFITS**

- + ANSI Cut Level 4
- + Ambidextrous, PVC dots on both sides
- + Maintains cut performance after multiple launderings

COATING PVC LINER

Stainless Steel

HPPE

GRIP Dotted COLOR

White/white dots

### PACKAGING

6/xs	7/s	8/M	9/L	10/XL	11/XXL	

12 gloves per case





### 8113C

Created with a 13-gauge seamless Thermax<sup>®</sup> lined knit and dotted PVC coating.

### **KEY BENEFITS**

- + ANSI Cut Level 4
- + Unmatched stretch, comfort
- + Thermal warmth, yet lightweight
- + Ambidextrous, PVC dots on both sides
- + Maintains cut performance after multiple launderings

COATING	<b>GRIP</b>
PVC	Dotted
LINER HPPE Thermax® AlphaSans®	<b>COLOR</b> Light gray/ blue dots

### PACKAGING



12 gloves per case



0

5

# **ANSI CUT LEVEL 3**



### **937C**

Featuring thousands of high loops of Kevlar-cotton for added air cushion and insulation, SHOWA 937C is designed with a durable dotted coating for better grip and protection from cuts.

#### **KEY BENEFITS**

- + ANSI Cut level 3
- + Abrasion resistant
- + Maintains cut performance after multiple launderings

<b>COATING</b>	<b>GRIP</b>
PVC	Dotted
<b>LINER</b> Kevlar® Cotton	<b>COLOR</b> Yellow/white dots

### PACKAGING

8/M 9/L 10/XL

1 dozen pair per polybag 6 dozen pair per case



### 8115

Using a 15 gauge seamless cut-resistant liner, SHOWA 8115 provides a comfortable "stretch" feeling combined with an ANSI Cut Level 3 resistance.

### **KEY BENEFITS**

- + ANSI Cut level 3
- + Abrasion resistant
- + Maintains cut performance after multiple launderings

COATING	<b>GRIP</b>
Uncoated	Uncoated
LINER	<b>COLOR</b>
HPPE	Light gray

#### PACKAGING

6/xs	7/s	8/M	9/L	10/XL
------	-----	-----	-----	-------

12 gloves per case





### 7965R

Full nitrile coating over cutresistant liner made with Kevlar® with reinforced safety cuff.

#### **KEY BENEFITS**

- + ANSI cut level 3
- + Puncture & abrasion resistant
- + Oil & grease resistant
- + Wrists are well-protected
- + Coating is durable & flexible

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b>	<b>COLOR</b>
Kevlar®	White/navy coating

#### PACKAGING

9/M 10/L

6 dozen pair per case

Kevlar\* is a registered trademarks of E.I. du Pont de Nemours and Company. Kevlar\* is cut-resistant but not cut-proof. Do not subject to high speed moving parts or serrated edges.



# **ANSI CUT LEVEL 3**





### 4560

High-performance, oilresistant Zorb-IT® technology on a 15-gauge seamless knit made with Kevlar®.

### **KEY BENEFITS**

- + ANSI Cut Level 3
- + Highly oil resistant
- + High abrasion resistance
- + Excellent dexterity & tactility
- + Absorbs almost 2x as much oil

	+	Unparalled dry & oil grip	
--	---	---------------------------	--

<b>COAT</b> Nitrile			<b>GRIP</b> Sponge			
<b>LINER</b> Kevlar®			<b>COLOR</b> Yellow/gray palm			
РАСК	AGIN	G				
6/xs	7/s	8/M	9/L	10/XL	11/XXL	
6 dozen pair per case						
+ INCREASED VISIBILITY: SHOWA 4567						

SIZES: 6/XS - 11/XXL

### 4565

Advanced grip technology on a 15-gauge seamless knit liner made with Kevlar® with a 4-inch extended cuff.

### **KEY BENEFITS**

- + ANSI Cut Level 3
- + Longer for added protection
- + Superior grip in oily applications
- + Excellent dexterity & tactility
- + Absorbs almost 2x as much oil
- + Unparalled dry & oil grip

<b>COATING</b>	<b>GRIP</b>
Nitrile	Sponge
<b>LINER</b>	<b>COLOR</b>
Kevlar®	Yellow/gray coating

### PACKAGING

6/xs 7/s 8/m 9/L 10/xL	11/xxl
------------------------	--------

6 dozen pair per case



# ATLAS®

10-gauge seamless knit liner made with Kevlar® flat-dipped in oil-resistant nitrile.

### **KEY BENEFITS**

- + ANSI Cut Level 3
- + Excellent oil grip
- + High puncture resistance
- + Good dexterity & flexibility
- + Breathable, ventilated back

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b>	<b>COLOR</b>
Kevlar®	Yellow/green palm

#### PACKAGING

7/s	8/м	9/L	10/xL

0

5

# **ANSI CUT LEVEL 3**



# ATLAS®

Durable natural rubber palm coating over 10-gauge cutresistant, seamless knit liner reinforced with Kevlar<sup>®</sup>.

#### **KEY BENEFITS**

- + ANSI Cut Level 3
- + Excellent wet & dry grip
- + High puncture resistance
- + Good dexterity & flexibility

<b>COATING</b>	<b>GRIP</b>
Natural rubber	Rough
<b>LINER</b>	<b>COLOR</b>
Kevlar®	Yellow/blue palm
PACKAGING	

7/s	8/M	9/L	10/xl	11/XXL	

12 dozen pair per case



### **68NFW**

Wrinkle-finished natural rubber-coated glove over a cotton liner made with Kevlar.® Reinforced safety cuff.

### KEY BENEFITS

- + ANSI Cut level 3
  + Protects against severe cuts and handling rough, greasy and heavy materials
- + Textured grip ensuring superior handling and tactile dexterity
- + Soft, cotton liner provides comfort and flexibility

<b>COATING</b>	<b>GRIP</b>
Natural rubber	Rough
<b>LINER</b> Kevlar® Cotton	<b>COLOR</b> Yellow

#### PACKAGING

9/M 10/L

6 doz. pair per case

ATLAS®

12-inch gauntlet triple-dipped in PVC with a seamless cutresistant liner made with Kevlar<sup>®</sup>.

#### KEY BENEFITS

- + ANSI Cut level 3
- + Chemical resistant
- + Abrasion resistant
- + Excellent durability
- + Maintains cut performance after multiple launderings
- + Rough finish over entire surface

COATING	<b>GRIP</b>
PVC	Rough
<b>LINER</b>	<b>COLOR</b>
Kevlar®	Blue

#### PACKAGING

8/м	9/L	10/XL	11 ////
0/M	9/L	IU/XL	II/XXL





# **ANSI CUT LEVEL 2**



### **540**

Created with 13-gauge HPPE and polyurethane reinforcement, 540's lightweight construction fits and feels like a second skin, empowering you with the ultimate grip and comfort, matched by dexterous durability.

### **KEY BENEFITS**

- + ANSI Cut Level 2
- + Protects from oils & grease
- + Resistance to abrasion & tears
- + Lightweight, breathable liner
- + Fully launderable

COATING	
Polyurethane	

**GRIP** Rough

**COLOR** White/white palm

### PACKAGING

LINER

HPPE

6/s 7/M 8/L 9/XL 10/XXL 1 pair per polybag

6 dozen pair per case



### **541**

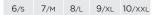
Featuring a supple and light, 13-gauge HPPE knit with polyurethane palm coating, SHOWA 541 provides a high degree of comfort when performing delicate tasks in dry and greasy conditions.

#### **KEY BENEFITS**

- + ANSI Cut Level 2
- + Protects from oils & grease
- + Resistance to abrasion & tears
- + Lightweight, breathable liner
- + Dark color extends number of wears
- + Fully launderable

<b>COATING</b>	<b>GRIP</b>
Polyurethane	Rough
LINER	<b>COLOR</b>
HPPE	Gray/gray palm

#### PACKAGING



1 pair per polybag 6 dozen pair per case



### **545**

Combining a 13-gauge HPPE knit with the durability of a nitrile coating, SHOWA 545 is designed for comfort without letting performance slip.

#### **KEY BENEFITS**

- + ANSI Cut Level 2
- + Resistance to oils & grease
- + Effective long lasting grip
- + Resistance to abrasion & tears
- + Lightweight, breathable liner
- + Fully launderable

<b>COATING</b>	<b>GRIP</b>
Nitrile	Rough
<b>LINER</b>	<b>COLOR</b>
HPPE	Light gray/blue palm

#### PACKAGING

6/s 7/M 8/L 9/XL



### **5900**

15-gauge seamless stretch liner made with Kevlar and flat-dipped nitrile.

### **KEY BENEFITS**

- + ANSI Cut level 2
- + Stretchable, breathable comfort
- + Textured grip ensuring superior handling & dexterity
- + Oil resistant coating
- + High puncture resistance

LINER COLOR Lycra® Yellow/green pa Kevlar®
PACKAGING
6/xs 7/s 8/m 9/L 10/xL



### NRK

Featuring a 10-gauge seamless knit made with Kevlar® and full-faced screenprinted PVC coating, SHOWA NRK creates a cut and slipresistant barrier between you and a range of harmful applications.

#### **KEY BENEFITS**

- + ANSI Cut level 2
- + Breathable liner
- + Excellent tactility
- + Slip resistant grip

<b>COATII</b> PVC	NG	-	<b>RIP</b> creen p	print
<b>LINER</b> Kevlar®			<b>COLOR</b> Yellow	
PACKA	GING			
7/s	8/M	9/L	10/XL	

4 dozen pair per case



### The Cost of Injury

**13.6%** 

of all occupational accidents involve hand injuries, making them the most common type of injury besides back strains.

[\$6,000]

average claim per hand injury.

⊕**\$7,500** 

average lost-time workers compensation per hand injury.

\*Stats based on EMPLOYER-REPORTED WORKPLACE INJURIES AND ILLNESSES - 2012, released by the U.S. Bureau of Labor Statistics, Nov. 7th 2013

Kevlar<sup>\*</sup> is a registered trademarks of E.I. du Pont de Nemours and Company. Kevlar<sup>\*</sup> is cut-resistant but not cut-proof. Do not subject to high speed moving parts or serrated edges.



# **ARM PROTECTION**

SHOWA's protective sleeves offer comfort, versatility and targeted protection for arms. Our sleeves are specifically designed in various lengths and materials to protect against cuts, abrasion, and heat. We also offer several gloves that have a protective, shoulder-length sleeve in our Chemical Resistant cluster of products.



### S8127-21C

21-inch, 7-gauge, wire-free, HPPE knit, ANSI cut level 5

COATING	<b>LENGTH</b>
Uncoated	21 in.
<b>KNITTED</b> MATERIAL HPPE	<b>COLOR</b> White

### PACKAGING

One size fits most

2 sleeves per pack

### S8110-18

18-inch, 10-gauge wirefree, HPPE knit, ANSI cut level 5

<b>COATING</b>	<b>LENGTH</b>
Uncoated	18 in.
KNITTED	COLOR
MATERIAL	Blue

### PACKAGING

HPPE

One size fits most

2 sleeves per pack

### S927-21V

21-inch, 7-gauge, HPPE & stainless steel knit, ANSI cut level 5

COLOR

White

COATINGLENGTHUncoated21 in.

KNITTED MATERIAL HPPE Stainless Steel

#### PACKAGING

One size fits most

2 sleeves per pack

### S927-10

10-inch, 7-gauge, HPPE & stainless steel knit, ANSI cut level 5

LENGTH

COLOR

White

10 in.

**COATING** Uncoated

KNITTED MATERIAL HPPE Stainless Steel

#### PACKAGING

One size fits most

2 sleeves per pack

# **ARM PROTECTION**





S237-16T

**ANSI CUT 4** 

**ANSI CUT 3** 

### **S8115HV-16**/T

### Fluorescent, 16-inch,

15-gauge knit, ANSI cut level 4, with (S8115-16T) or without thumb loop (S8115-16).

COATING	<b>LENGTH</b>
Uncoated	16 in.
KNITTED	<b>COLOR</b>
MATERIAL	Fluorescent
HPPE	yellow

### PACKAGING

M L XL

#### 2 sleeves per pack

### **S8115-10**/T

10-inch, 15-gauge knit, ANSI cut level 4, with (S8115-10T) or without thumb loop (S8115-10).

COATING Uncoated	<b>LENGTH</b> 10 in.
KNITTED	COLOR
MATERIAL	Gray
HPPE	

#### PACKAGING М L



### **S8115-16**/T

	,	-gauge evel 4, v	,	
(S8115	-16T	) or witl	nout	
thumb loop (S8115-16).				
COATIN	-	LENG	БТН	
Uncoated		16 In.	16 in.	
KNITTE MATERI HPPF	-	<b>COLO</b> Gray	DR	
PACKAG	BING			
	GING L	XL		

### S237-16T

16-inch, 7-gauge knit sleeve with thumb-loop. ANSI cut level 3.

COATING	<b>LENGTH</b>
Uncoated	16 in.
KNITTED MATERIAL HPPE	<b>COLOR</b> Gray

### PACKAGING

One size fits most

2 sleeves per pack

CUT

CHEMICAL & LIQUIDS



# 4 SPECIALTY

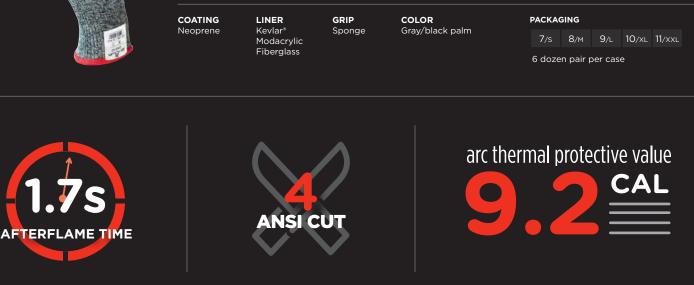
## [Static Suppressor]

Specialized duty calls for specialized defense—and SHOWA always has the right fit for the job. Our specialty gloves are customized with anti-static materials that prevent sparks and ignition in high-risk environments involving flammable materials.





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<sup>®</sup> and sponge neoprene palm coating inherently flame-resistant.



# AFTERGLOW





## **CHAR LENGTH**



### ATLAS\* 660ESD

Designed for handling flammable or explosive materials, SHOWA 660ESD features both an antistatic liner and coating for protection in extreme environments.

#### KEY BENEFITS:

- + Aids in preventing a spark caused by Static Electricity which helps avoid accidental explosions
- + Coating provides extra oil and abrasion resistance, as well as increased durability
- + Surface resistivity 10(8) to 10(9) ohms
- + Absorbs perspiration, for ultra comfortable extended wear

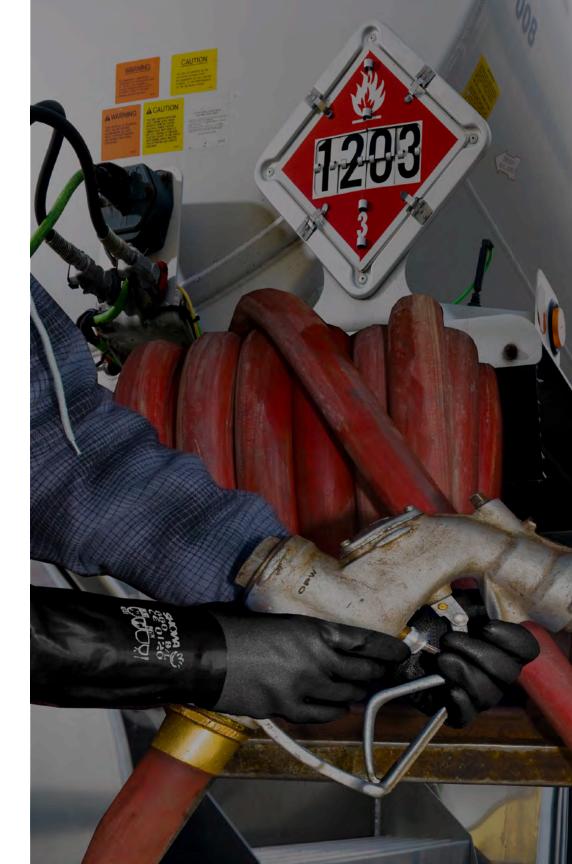
COATING	<b>LENGTH</b>
PVC	12 in.
<b>LINER</b>	<b>COLOR</b>
Anti-static	Black

**GRIP** Rough

#### PACKAGING

9/L 10/XL

Individually polybagged 10 dozen pair per case





# **PRODUCT PROTECTION**





## **BO700**

Ideal for specialized industries where cleanliness is a priority, SHOWA BO700's flexible 12-inch long, 12-mil, unsupported PVC glove that provides chemical resistance and excellent gripping action.

#### **KEY BENEFITS**

- + Fits like second-skin
- + Provides unrivaled softness
- + Patterned palm and fingertips provide excellent gripping action
- + Slip on treatment makes gloves easily slip on or off

COATING	<b>LENGTH</b>
PVC	12 in.
<b>LINER</b>	<b>THICKNESS</b>
Unlined	12 mil
<b>GRIP</b>	COLOR
Embossed	White
PACKAGING	

7/s 8/m 9/L 10/XL

Individually polybagged 10 pair per pack 24 packs per case

## **BO500B**

Outfitted with a thin, polyurethane palm coating over a lightweight, low-lint, 13-gauge seamless Nylon knit that's ideal for precision work and product protection.

#### **KEY BENEFITS**

- + Thin coating facilitates movement & allows hands to breathe
- + Provides product protection from oils, dirt or perspiration on hands
- + Outstanding dexterity & tactility
- + Designed for easy movement & continuous wear

COATIN		

Polyurethane	

COLOR Black/or

Black/gray palm

Smooth

GRIP

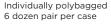
#### PACKAGING

LINER

Nvlon

13-gauge







## **BO500W**

Designed for precision applications where dexterity, cleanliness and comfort are a priority, featuring a 13-gauge seamless Nylon knit and breathable, thin polyurethane palm coating.

#### **KEY BENEFITS**

- + Thin coating facilitates movement & allows hands to breathe
- Provides product protection from oils, dirt or perspiration on hands
- + Outstanding dexterity & tactility
- Designed for easy movement & continuous wear

<b>COATING</b>	<b>GRIP</b>
Polyurethane	Smooth
<b>LINER</b> Nylon 13-gauge	<b>COLOR</b> White/white palm

#### PACKAGING



Individually polybagged 6 dozen pair per case

INDUSTRIAL SERIES

# **PRODUCT PROTECTION**



## **BO600**

Designed for meticulous applications, this lightweight, low-lint knit has polyurethane coated fingertips to protect products from oil and dirt without sacrificing fit and feel.

#### **KEY BENEFITS**

- + Protects hands from oils and micro-cuts
- + Provides product protection from oils, dirt on hands & fingertips
- + Designed for easy movement & continuous wear
- + Outstanding dexterity & tactility
- + Resistant to deformation

<b>COATING</b>	<b>GRIP</b>
Polyurethane	Smooth
<b>LINER</b>	<b>COLOR</b>
Nylon	White/white
13-gauge	fingertips

#### PACKAGING





## AO520

Crafted to prevent discharge of static electricity, SHOWA AO520 is the ideal guard for highly-sensitive applications.

#### **KEY BENEFITS**

- + 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.

<b>COATING</b>	<b>GRIP</b>
Polyurethane	Smooth
<b>LINER</b>	<b>COLOR</b>
Antistatic	White/gray palm

#### PACKAGING



CUT

INSULATED



## [Climate Control]

Beat the heat and conquer the cold with gloves built to endure the elements. SHOWA's insulated hand protection creates a shield against extreme temperatures capable of compromising your most vital tools. While preventing burns, cold-blisters and subsequent scarring, these gloves are designed to regulate and maintain ideal body temperature so you can work comfortably and safely.



# TEM•RES 282

Waterproof yet breathable, ATLAS 282 uses thermal insulation and our state-of-the-art TEM•RES technology to keep hands warm, dry and well-protected in cold climates.

#### **KEY BENEFITS**

- + Creates an impenetrable barrier against water and liquids
- + Breathable, reduces perspiration

LENGTH

10.8 in.

Blue

- + Excellent wet and dry grip
- + Extreme flexibility
- + Form-fitting design

**COATING** Polyurethane

LINER Acrylic Insulated

**GRIP** Rough

PACKAGING

8/м 9/L 10/XL 11/XXL

Individually polybagged 1 dozen pair per case



Crafted with a full nitrile coating doubled with foam nitrile palm coating, SHOWA 477 is ergonomically designed to keep your hands dry and warm in the most extreme environments.

#### **KEY BENEFITS:**

- + Ultra-tactile grip
- + Superior flexibility and durability
- + Fixed acrylic terry liner
- + Longer reinforced knit cuff
- + Impermable to end of coating
- + Full hand protection
- + Long-lasting warmth and comfort
- + Resistant to abrasion and tearing

<b>COATING</b> Foam Nitrile	<b>GRIP</b> Foam
<b>LINER</b> Acrylic Polyester Nylon	<b>COLOR</b> Blue coating/ black palm
PACKAGING	



6 dozen pair per case



## 4545

Combining a durable and extended, 3/4 over the knuckle nitrile palm-dip with an 15-gauge Nylon, 7-gauge acrylic fleece inner liner to keep the hand comfortably warm, SHOWA 4545 takes winter lined hand protection to the next level.

#### KEY BENEFITS:

- + Over the knuckles protection
- + Wet and dry gripping power
- + Flexibile in low temps (to -15°F)
- + Durable
- + No irritating seams

<b>COATING</b>	<b>GRIP</b>
Foam Nitrile	Rough
<b>LINER</b> Acrylic Nylon	<b>COLOR</b> Black/black coating

#### PACKAGING

8/M 9/L 10/XL 11/XXL

6 dozen pair per case



Custom designed to keep you warm when similar work gloves can't, 451 features a 10-gauge insulated seamless liner and a natural rubber palm coating, never letting protection slip.

#### **KEY BENEFITS:**

- + Quick drying
- + Excellent wet & dry grip
- + Breathable
- + Good mechanical resistance
- + Insulated, high warmth
- + Ergonomic design

<b>COATING</b> Natural rubber	<b>GRIP</b> Rough
<b>LINER</b> Polyester Cotton Acrylic	<b>COLOR</b> Light gray/ gray palm

#### PACKAGING



12 dozen pair per case

INSULATED

# **COLD RESISTANT**





Engineered to provide critical defense for cold environments, 95NFW features a triple-layered foam insulation and a 12-inch reinforced gauntlet.

#### **KEY BENEFITS:**

- + Exclusive, wrinkle finish
- + Superior grip, wet or dry+ Excellent cut, puncture and
- abrasion resistance
- + Chemical protection

<b>COATING</b>	<b>LENGTH</b>
Natural rubber	12 in.
<b>LINER</b> Cotton Foam insulation	<b>COLOR</b> Yellow

**GRIP** Rough

#### PACKAGING

10/L



#### + SAFETY CUFF: SHOWA 96NFW SIZES: 10/L



### 454

Featuring a 10-gauge polyester and acrylic yarn knit with a natural rubber palm coating, 454 is a cold resistant glove with an extremely warm and comfortable fit.

#### **KEY BENEFITS:**

- + Quick drying
- + Excellent wet & dry grip
- + Breathable
- + Good mechanical resistance
- + Insulated, high warmth
- + Ergonomic design

<b>COATING</b>	<b>GRIP</b>
Natural rubber	Rough
<b>LINER</b> Polyester Cotton Acrylic	<b>COLOR</b> Orange/ gray palm

#### PACKAGING



12 dozen pair per case



## 4544

Designed to persevere in winter weather and cold indoor environments, SHOWA 4544 is constructed with a 7-gauge seamless thermal acrylic liner and natural rubber palm coating.

#### **KEY BENEFITS:**

- + Increased visibility in low lighting
- + Locks in warmth
- + Great grip
- + Unmatched comfort
- + Long lasting warmth

<b>COATING</b>	<b>GRIP</b>
Natural rubber	Foam
<b>LINER</b> Acrylic	<b>COLOR</b> Fluorescent yellow /black palm

#### PACKAGING

8/м	9/L	10/xl	11/xxl

6 dozen pair per case

SHOWA

INDUSTRIAL SERIES



Empowering you with chemical-and-coldprotection, SHOWA 73 features triple-layered insulation and a full PVC coating for a critical defense in extreme environments.

#### **KEY BENEFITS:**

- + Rough finish
- + Knit wrist adds flexibility
- + Abrasion and chemical resistant
- + Good wet and dry grip
- + Remains flexible even in low temps

<b>COATING</b> PVC	<b>GRIP</b> Rough
LINER	COLOR
Cotton	Fluorescent
Foam insulated	orange

#### PACKAGING

1	$\cap$	1.
- 1	U.	/ L

3 dozen pair per case



## ATLAS®

Built to stay flexible down to -4°F, SHOWA ATLAS 460 features an insulated acrylic liner and double-dipped PVC coating.

#### KEY BENEFITS:

- + Seamless insulated liner for warmth and comfort
- + Flexible at low temps (to -4°F)
- + Impermeable

COATING	<b>LENGTH</b>
PVC	11.8 in.
LINER Cotton Acrylic Insulated	<b>COLOR</b> Orange

#### GRIP Rough

#### PACKAGING

7/s 8/M 9/L 10/XL Individually polybagged

6 dozen pair per case

+ REMOVABLE LINER: SHOWA ATLAS 465 SIZES: 7/S - 10/XL



Crafted with an insulated, comfortable lining and tripledipped PVC.

#### **KEY BENEFITS:**

- + Flexible at low temps (to -4°F)
- + Impermeable with enhanced oil & chemical protection
- + Absorbs perspiration for ultra comfortable extended wear
- + Good mechanical resistance

COATING PVC	<b>LENGTH</b> 11.8 in.
LINER Cotton Acrylic Insulated	<b>COLOR</b> Blue
<b>GRIP</b> Rough	







# **HEAT RESISTANT**



## 6781R

Constructed with a triplelayered foam insulation and full neoprene coating over 12-inch gauntlet and rough textured finish, for outstanding protection against cold and heat.

#### **KEY BENEFITS**

- + Heat- and cold-resistant
- + Excellent mechanical resistance
- + Protects from array of chemicals

<b>COATING</b> Neoprene	<b>LENGTH</b> 12 in.
<b>LINER</b> Cotton Foam insulation	<b>COLOR</b> Black
GRIP	

Rough

#### PACKAGING

10/L

3 dozen pair per case



## 6781R-06

Providing extended protection from cold and heat, SHOWA 6781R-06 is engineered with a 12-inch gauntlet and 6-inch sleeve full neoprene coating over triplelayered foam insulation.

#### KEY BENEFITS

- + Heat- and cold-resistant
- + Excellent mechanical resistance
- + Protects from array of chemicals

<b>COATING</b> Neoprene	<b>LENGTH</b> 18 in.
<b>LINER</b> Cotton Foam insulation	<b>COLOR</b> Black
CDID	

**GRIP** Rough

#### PACKAGING

10/L

1 dozen pair per case



## 6781R-145

For ultimate protection from cold and heat, SHOWA 6781-145 features a full neoprene coating over 12-inch gauntlet with a 14-inch sleeve and triple-layered foam insulation.

#### **KEY BENEFITS**

- + Heat- and cold-resistant
- + Excellent mechanical resistance
- + Protects from array of chemicals
- + Grommet for securing to aprons or other PPE

<b>COATING</b>	<b>LENGTH</b>
Neoprene	26 in.
<b>LINER</b> Cotton Foam insulation	<b>COLOR</b> Black

**GRIP** Rough

#### PACKAGING

10/L

1 dozen pair per case

SHOWA

INDUSTRIAL SERIES



Designed to withstand heat exposure and multiple washings while maintaining superior tactile dexterity, SHOWA 8814 features an insulated, non-woven liner and spray neoprene coating.

#### **KEY BENEFITS**

- + Intermittent heat protection (up to 500°F)
- + Excellent grip
- + Easy to put on and remove
- + Withstands multiple launderings
- + Low-soil color
- + High mechanical resistance
- + Wrist is well protected

<b>COATING</b>	<b>LENGTH</b>
Neoprene spray	14 in.
LINER Non-woven Insuated	<b>COLOR</b> Black

#### GRIP Rough

#### PACKAGING



1 dozen pair per case



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.

#### **The Sentinel Advantage**

- Improves Cost-Control
- Reduces Work-Related Injuries
- Consolidates Inventory
- Eliminates Waste
- Enhances Productivity
- Ensures Compliance with
   OSHA 29CFR 1910.132

- Comprehensive Assessments
- Customized Safety Plans
- On-Site Training
- First-class customer service

Sentinel's **5-Phase Methodology** is a holistic approach to optimizing your operation's safety and cost-performance.

1<br/>Evaluation= 2<br/>Benchmark $\equiv 3$ <br/>Implementation $\equiv 4$ <br/>Measurement $\equiv 5$ <br/>ManagementContact Customer Service<br/>to schedule your risk-free<br/>consultation.<br/>[800-241-0323]

**Protection. Performance. Profitability.** That's Sentinel's Triple Bottom Line.

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# Innovation makes sense when it actually contributes something useful.

Each time SHOWA develops a new concept, it improves wearer comfort and safety. This ability to anticipate needs and provide solutions that eventually become benchmarks is based on unrivaled technological expertise and is fully autonomous. This independence extends to developing our own hand formers, yarns, coatings, polymers and unique manufacturing process through inspection and packaging.

This gives us





### **Our Philosophy**

"Our mission is to protect workers needing hand protection whilst enhancing their ability to perform a multitude of tasks, keeping hands safe during and after work. SHOWA provides performing and durable innovative solutions thanks to a corporate philosophy of investing in research and development to introduce the next generation of innovative hand protection improving user comfort, premium safety and satisfaction."

### **TERMS AND CONDITIONS**

#### LIMITED WARRANTY & DISCLAIMERS

Showa Best Glove, Inc. (hereinafter "SHOWA") terms and conditions apply and create a binding contract between Showa Best Glove. Inc. and its customer. SHOWA warrants only that gloves manufactured by SHOWA will be free from defects in materials and workmanship at the time of manufacture. This limited warranty expires one (1) year after shipment. This limited warranty is exclusive and in lieu of all other warranties, express, implied, or statutory, SHOWA's entire obligation and the exclusive remedy to any party for breach of this limited warranty shall be limited to replacement or refund of the original purchase price of the product, at SHOWA's option. and subject to customer's compliance with SHOWA's Returns policy. SHOWA's limited warranty shall not apply, however, to SHOWA gloves that have been subject to misuse, accident, or negligence during service, handling, or storage.

#### DISCLAIMER OF IMPLIED WARRANTIES

All implied warranties which may arise by implication of law or application of course of dealing or usage of trade, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose, are expressly excluded. There are no warranties which extend beyond the description on the face hereof. The end user is solely responsible for the suitability of the glove selection for a particular application.

#### FORCE MAJEURE

SHOWA shall not be liable for delay in or failure to perform any of its obligations if the delay or failure results directly or indirectly by Force Majeure. "Force Majeure," as used herein means any law, order, regulations, or government action; failure or delay of transportation; suspension or cancellation of any required license(s); insurrection, riots, national emergencies, war, acts of public enemies, strikes or other labor difficulties; inability to obtain necessary labor, manufacturing facilities, materials or components from SHOWA's usual sources; fires, floods or other catastrophes; acts of God or any cause of like or kind beyond our control.

## A World Leader with a Local Presence



#### USA

579 Edison Street Menlo, GA 30731, USA P: 800-241-0323 F: 888-393-2666 E: USA@SHOWAgroup.com

#### Canada

253 Michaud Street - Coaticook, Quebec JIA 1A9 - Canada P: 800-565-2387 F: 818-849-6120 E: Canada@SHOWAgroup.com

#### Europe

SHOWA International WTC - Tower D - Strawinskylaan 757 1077 XX Amsterdam - Netherlands P: +31 (0) 88 004 2100 F: + 31 (0) 88 004 2199 E: Info@SHOWAgroup.eu

#### Latin America

579 Edison Street Menlo, GA 30731, USA P: 404-364-1833 F: 404-364-1892 E: LatinAmericaSales@SHOWAgroup.com

#### Japan

565 Tohori, Himeji-City Hyogo 670 0802, Japan P: +81-79-264-1234 F: +81-79-264-1516

#### Australia

Sydney, Australia E: AustralianSales@SHOWAgroup.com

#### SHOWAgroup.com