

























## **WHO WE ARE**

Liberty Safety has led the way with trusted personal protective equipment (PPE) since 1987. Today, our inventory includes head-to-toe apparel featuring over 5,000 active products within 27 category lines and 12 sub-brands. It's a selection that enables us to provide the freedom of choice America's workforce demands.

With a growing team of safety experts, we can also help you select the best PPE for your crew and ensure the quality, comfort, and reliability you need. But our service does not stop there. Liberty Safety offers additional value-added services like branded PPE, vend pack, private labeling, and direct import and drop shipment programs.

It's all part of our *Freedom in Full Gear*™ promise.

## 100% Distribution Focused

4 Strategic Logistic Locations: California / Georgia / Ohio / Texas



## **OUR SERVICES**



## **BRANDED PPE**

Drive brand awareness with custom logos and safety reminders printed on your PPE. Available in silk screening for a vibrant, eye-catching design or pad printing for printing on products like hard hats or ear muffs.



# PRIVATE LABELING & CUSTOM PACKING

Give your packaged products a professional, customized look. This service provides low cost, retail ready, or banding multipacks that can be store ready directly from the product cases.



## **VEND PACK READY**

Provide your customers with vending machine pack ready items. It's a versatile solution that offers convenient packages to accommodate small or large business merchandise.



## **DIRECT IMPORT PROGRAMS (DIP)**

Increase buying power without compromising quality control with a personalized direct import program. The DIP is designed specifically for high-volume distributors looking for cost savings.



## **SERVICE HANG TAGS**

Add value to your packaging. Choose from two hang tag style types printed with customized retail markings, including UPC barcoding, product item number, and description call outs.



## **DROP SHIPMENTS**

Save time and money with drop shipment services that handle your orders with care and attentiveness. It's a flexible, low investment strategy that offers scalability for your growing business.

## **TABLE OF CONTENTS**

## 2 CHOOSING THE RIGHT GLOVES



## 4 HAND PROTECTION

- **6** FroGrip® | Cut Resistant Gloves
- 14 FroGrip® | Coated Seamless Gloves
- 22 Showa<sup>™</sup> Gloves | N-DEX<sup>®</sup>
- 30 Chemical Resistant Gloves
- 38 BioSkin® and DuraSkin® | Disposable Gloves
- **46 Lightning Gear** and **DayBreaker** | Multi-task Gloves
- **52** Leather Gloves
- **70** Textile | String Knit Work Gloves



## **80 HI-VIS APPAREL**

**80 HiVizGard**<sup>™</sup> | Safety Vests | Sweatshirts | Jackets | Pants



## 92 PROTECTIVE APPAREL

- **92 DuraWear**<sup>™</sup> | Protective Rainwear
- **96 DuPont**<sup>™</sup> | Tychem<sup>®</sup> | Tyvek<sup>®</sup> | ProShield<sup>®</sup>
- **114 APA® All Gard Apparel** | Disposable Protective Apparel



## 127 RESPIRATORY PROTECTION

**127 DuraMask**<sup>™</sup> | Respiratory Protection



## 128 HEAD & FOOT PROTECTION

- **128 DuraShell**<sup>®</sup> | Head Protection
- **131 DuraWear** Foot Protection



## 134 HEARING PROTECTION

134 DuraPlugs™



## 136 EYEWEAR PROTECTION

136 iNOX®



## 146 ERGONOMICS PROTECTION

**146 DuraWear**<sup>™</sup> Safety Belts | Knee Pads



## 148 ACCESSORIES

**148 DuraWear**<sup>™</sup> Hair Covers | Hoods | Sleeves | Aprons

## 152 PRODUCT INDEX

## **OUR BRANDS**

























## INDUSTRIAL PARTNERS





## **GLOVE CONSTRUCTION**

## **CLUTE CUT**

An economical way to protect the hand without a bulky seam. Usually a cut and sewn product.



## **GUNN CUT**

Reinforced material between the index, middle and ring finger, where abrasion often reduces the life of the glove prematurely.



#### **REVERSIBLE**

Ambidextrous gloves allow for longer wear since it can be worn on either hand.



## **WRIST STYLES**

#### **SLIP-ON**

Easy donning and doffing are the qualities of this style. One piece construction, no seams to erode.



## **BAND TOP**

Short extension cuff that offers comfort as well as additional wrist protection.



## **GAUNTLET**

Provides added protection for lower forearm. Design allows maximum movement of forearm.



#### **KNIT WRIST**

Designed to hold the glove firmly on the hand and prevent debris from entering the glove through the wrist area.



#### **SAFETY CUFF**

In addition to the protection of the gauntlet cuff, the safety cuff offers more protection in the wrist area. Safety cuff gloves slide on and off easily as well as release from the hand in a quick motion.



## **CHOOSING THE RIGHT GLOVE**

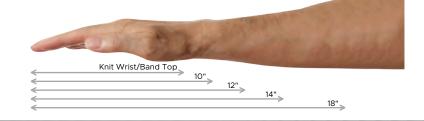
## **MEASURING GLOVE SIZE**

The chart below illustrates a quick way to determine the user's glove size when selecting hand protection. While not exact, it will give an approximate size range for the individual. (Measure the circumference of your hand in inches between your thumb and knuckle.)

SIZE IN LETTERS	ave	Ve		M		VI	OVI	271	
SIZE IN LETTERS	2XS	XS	•	M	-	XL	ZXL	3XL	
Circumference of your hand	5" - 6"	6" - 7"	7" - 8"	8 -9"	9 - 10"	10" - 11"	11" - 12"	12" - 13"	
Synthetic (Size in numbers)	5	6	7	8	9	10	11	12	
Leather (Size in numbers)	6	7	8	9	10	11	12	13	

## **MEASURING GLOVE LENGTH**

Having the proper glove length is imperative for proper hand/arm protection. The illustration below depicts the way to identify the length of glove the specific user needs.



## TYPES OF COATING MATERIALS

COATING	DESCRIPTION	APPLICATIONS
NITRILE, FOAM NITRILE AND SANDY/ MICRO FOAM NITRILE	Nitrile coated seamless gloves are a prevalent choice because they are durable and ideal for general-purpose work. As a material, Nitrile stands up well against tears and abrasions, and withstands significant temperature differences. Foam Nitrile coated seamless gloves are best used in wet or oily conditions because the coating works like a sponge and keeps the surface dry. This makes gripping with the gloves on a lot easier. Sandy Nitrile is known for its abrasion and higher resistance. It offers a tighter fit than other nitrile coatings. It works well in wet and oily environments. Micro Foam Nitrile have a somewhat tacky finish and offer good breathability and flexibility.	<ul><li>Parts Assembly</li><li>Material Assembly</li><li>Equipment Maintenance</li><li>Parts Cleaning</li></ul>
LATEX AND SANDY LATEX	<b>Latex</b> coated gloves offer a fantastic grip and are often preferred over Nitrile when gripping in both wet and dry conditions is essential. <b>Sandy latex</b> provides a superior grip in wet or dry applications because of the grit. Outside workers appreciate how easy these gloves make grabbing bricks or hauling other building materials.	<ul><li>Construction</li><li>Demolition</li><li>Masonry and Tile</li><li>Material Handling</li></ul>
POLYURETHANE	<b>Polyurethane</b> , commonly called PU, is used to increase puncture protection with only a thin coating. Though less durable than other coated seamless gloves, they offer a greater dexterity and grip because of the thinness of the PU coats. In addition, you can count on PU to enhance the grip without being sticky, too, while providing good resistance to oils and some chemicals.	<ul><li>Material Assembly</li><li>Quality Control</li><li>Inspection</li><li>General Assembly</li></ul>
PVC (POLYVINYL CHLORIDE)	<b>PVC</b> coated seamless gloves work well with adhesives and resist abrasions. Most adhesives do not stick to a glove's surface with PVC, so they're often used in an application where applying a sealant is necessary. In addition, <b>PVC</b> performs well in the cold and has a certain amount of abrasion resistance.	<ul><li>Construction</li><li>Mining</li><li>Petrochemicals</li><li>Handling Oily Materials</li></ul>
NEOPRENE	<b>Neoprene</b> is a synthetic rubber that has good chemical stability and good heat-resistant properties. Therefore, it resists oil and has exceptional dry, wet, and oily grip but has low abrasion resistance. As a result, it is often used for chemical-resistant and self-extinguishing applications.	<ul><li>Handling Oily Materials</li><li>Maintenance</li><li>Fishing</li><li>Machine Operations</li></ul>

## TYPES OF GLOVE LINER MATERIALS

COATING	DESCRIPTION	APPLICATIONS
NYLON	A low lint synthetic fiber which provides high tensile strength that excels in applications such as inspection and parts assembly. <b>Nylon</b> gloves will help protect product from finger prints and contamination.	<ul><li>Paint Work</li><li>Pharmaceuticals</li><li>Inspection</li><li>Parts Assembly</li></ul>
KEVLAR*	<b>Kevlar</b> * is one of the strongest man-made fibers available with excellent cut protection and heat insulation. It is designed to protect hands from the sharp edges of metals, ceramics, glass and other materials. Pound for pound it is five times stronger than stainless steel.	<ul> <li>Paper Industry</li> <li>Shipping and Receiving</li> <li>Metal Working</li> <li>Light Duty Assembly</li> <li>General Assembly</li> <li>Operations/Maintenance</li> </ul>
HPPE	<b>High performance polyethylene</b> fibers that are specially designed to protect against cuts and abrasions when handing sharp and abrasive objects. These fibers can be engineered in a variety of composite-knit yarns, some featuring high-strength composite fiber blends for higher cut resistance and dexterity.	<ul><li>Metal Working</li><li>Warehouse</li><li>General Maintenance</li></ul>
LEATHER	<b>Leather</b> is traditionally used to provide excellent and sturdy protection against cuts and abrasions. Breathability will vary based on the leather types but overall are very durable and comfortable to wear. Leather gloves are an excellent choice for handling sharp objects.	<ul><li>Construction</li><li>Foundry</li><li>Warehouse</li><li>Shipping and Receiving</li></ul>
SYNTHETIC LEATHER	<b>Synthethic Leather</b> is a man-made fabric that simulates genuine leather. It is used for basic protection against abrasion and offers good insulation depending on construction. Often used as a substitute for real leather, synthetic leather is light weight, easy to clean, durable and stain resistant.	<ul><li>Agricultural</li><li>Industrial</li><li>Cabling</li></ul>
COTTON	An excellent choice for protection against abrasion. It is lightweight and breathable for light-duty applications. Also offers good insulation depending on construction which can be washed and bleached. <b>Cotton</b> lisle is a very light weight cotton glove that is ambidextrous and can be used as a liner for light duty applications only.	<ul> <li>Assembly</li> <li>Inspection</li> <li>Parts Handling</li> <li>Light Warehouse Applications</li> <li>Automotive</li> <li>Food Industry</li> </ul>
ACRYLIC	<b>Acrylic</b> is a lightweight, soft, wool-like appearance that is known to provide excellent insulation. It is resilient while resistant to shrinkage and wrinkles.	<ul><li>Cold Weather Environments</li><li>Refrigeration</li></ul>

# **CUT RESISTANT & COATED SEAMLESS GLOVES**

Liberty Safety has an extensive cut resistant glove range that caters to any work environment. Whether you need cut protection alone or with heat and/or chemical resistance, too, we have a glove that will fit.

Cut resistant gloves are designed to protect hands from direct contact with sharp edges such as glass, metal, and other materials.

Coated seamless work gloves deliver protections by creating a barrier. They can shield your skin against mild chemical exposure and abrasions.



## **CUT RESISTANT GLOVES**



ANSI A2 HPPE yarn shell



ANSI A3 engineered yarn shell



ANSI A6 HPPE and steel core



ANSI A2 HPPE yarn shell



ANSI A4
Thermal lined



ANSI A7 engineered yarn shell



Made with Kelvar® or aramid



ANSI A4 engineered yarn shell



ANSI A2 HPPE yarn shell



ANSI A4 engineered yarn shell





ANSI A5 engineered yarn shell

## **COATED SEAMLESS GLOVES**



Foam nitrile coated



Ultra-thin nitrile coated



Latex coated



High density polyurethane coated (HDPU)



Ultra-thin polyurethane coated

# **7-Grip** Biodegradable polyurethane coated

## **TYPES OF COATING**



**Palm Coating**: Coating on palm and fingers.



**¾ Back Coating**: Coating on palm, fingers, and knuckles.



**Fully Coating**: Coating on palms, fingers, knuckles, and back of hand.



**Double Dipped**: Two coatings - fully coated and palm coating.

## **GAUGE OF GLOVES**

The gauge of a glove indicates the number of knitting needles or stitches per square inch. The higher the gauge usually means better dexterity, resulting in something more comfortable to wear. An added benefit of a higher-gauge glove is that it provides a high level of tactility and therefore, it will be easier to do certain jobs that require fine-tuning skills.

## **RATING SYSTEM FOR GLOVES**

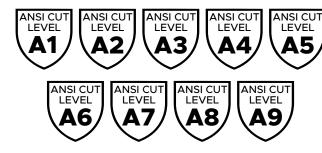
ANSI/ISEA 105 addresses the classification and testing of hand protection for specific performance properties related to mechanical protection (cut-resistance, puncture resistance, and abrasion resistance), chemical protection (permeation resistance, degradation), and other performance characteristics such as ignition resistance and vibration reductions based on standardized test methods.

Understanding the ANSI/ISEA 105 is important when choosing the correct level of hand protection needed for workplace safety.

There are two key areas to know about:

## **CUT-RESISTANCE RATINGS**

A singular test method is used and classified using 9 levels expressed as (A1 - A9). The levels indicate how many grams of cutting load a glove can withstand from a sharp blade before being penetrated. Using the chart below the end-user will be able to better select the appropriate hand PPE required for their job.



## ANSI/ISEA 105-2016: Cut Resistant Ratings

A1 - > 200gm, Light cut hazards

**A2** - > 500gm, Light-medium cut hazards

A3 - > 1000gm, Light-medium cut hazards

A4 - > 1500gm, Medium cut hazards

A5 - > 2200gm, Medium-high cut hazards

A6 - > 3000gm, High cut hazards

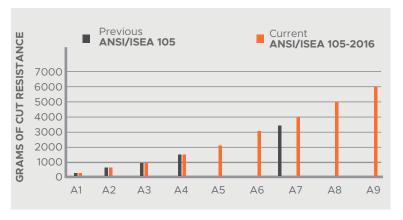
A7 - > 4000gm, High cut hazards

A8 - > 5000gm, High cut hazards

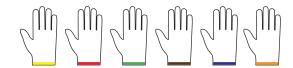
A9 - > 6000gm, High cut hazards

## **NEW NEEDLE PUNCTURE RESISTANCE**

This will address the needs of the medical, recycling, sanitation, and law enforcement industries. The test procedure uses a 25mm hypodermic needle instead of the probe that is used in the puncture resistance testing.



## SIZING COLOR CHART - COLOR CODED CUFFS



Color coded cuffs help ensure proper sizing - improve comfort and compliance.

- YELLOW: X-Small
- **BROWN**: Large
- **RED**: Small
- **BLUE**: X-Large
- GREEN: Medium
- ORANGE: 2X-Large



For questions on choosing the right glove, contact your customer service representative.







## **BLACK MICROFOAM NITRILE COATED**

## **ULTRA-X**<sup>™</sup>

## F4900HG

Sizes: XS-2XL

- 18 gauge hi-vis green engineered yarn shell
- Black microfoam nitrile coated on palm and fingers

## **RELATED**

F4901: Black microfoam nitrile palm and knuckle coated, Sizes: S-2XL

## **APPLICATIONS**

Material Handling | Glass Handling Operations







**BLACK MICROFOAM NITRILE COATED** 

## **ULTRA-X**<sup>™</sup>

## F4902HG

Sizes: S-2XL

- 18 gauge hi-vis green engineered yarn shell
- Black microfoam nitrile fully coated

#### **APPLICATIONS**

Glass Handling Operations | Fishing Industries | Sanitation





**BLACK MICROFOAM NITRILE COATED** 

## **ULTRA-X**<sup>™</sup>

## F4905HG

Sizes: S-2XL

- 18 gauge hi-vis green engineered yarn shell
- Black microfoam nitrile ¾ back coated with dots on palm, knuckles and fingers

F4903HG: Black microfoam nitrile palm coated with dots, Sizes: S-2XL

## **APPLICATIONS**

Material Handling | Glass Handling Operations | Fishing Industries | Sanitation







## **GRAY POLYURETHANE COATED**

## **ULTRA-X**<sup>™</sup>

## 4908HG

Sizes: XS-2XL

- 18 gauge hi-vis green engineered yarn shell
- Gray polyurethane coated on palm and fingers



## **APPLICATIONS**

Material Handling | Glass Handling Operations | Fishing Industries | Sanitation









WARNING: Cancer - www.Prop65Warnings.ca.gov

WHITE POLYURETHANE COATED

## X-GRIP®

## A4940

Sizes: XS-XL

- 13 gauge white high performance polyethylene shell (HPPE)
- White polyurethane coated on palm and fingers

#### **APPLICATIONS**

Material Handling | Glass Handling Operations | Sanitation







ABRASION = 4



WARNING: Cancer - www.Prop65Warnings.ca.gov

## **GRAY POLYURETHANE COATED**

## V-GRIP™

## 4941

Sizes: XS-2XL

■ 13 gauge salt and pepper high performance polyethylene shell

Gray polyurethane coated on palm and fingers



## **APPLICATIONS**

Material Handling | Glass Handling Operations | Sanitation









★ WARNING: Cancer - www.Prop65Warnings.ca.gov

## **GRAY POLYURETHANE COATED**

## 4936

Sizes: XS-2XL

13 gauge salt and pepper high performance polyethylene shell (HPPE)

Gray polyurethane coated on palm and fingers



## **APPLICATIONS**

Material Handling | Glass Handling Operations | Sanitation













## **GRAY POLYURETHANE COATED**

## X-GRIP®

## A4938

Sizes: XXS-2XL

- 13 gauge salt and pepper high performance polyethylene shell (HPPE)
- Gray polyurethane coated on palm and fingers

## **RELATED**

4944: Extended knit wrist cuff, Sizes: XS-2XL

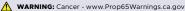
## **APPLICATIONS**

Electronics | Glass Cutting | Sheet Metal Handling













## **BLACK MICROFOAM NITRILE COATED Z-GRIP®**

## F4920RT

Sizes: S-2XL

- 13 gauge forest green engineered yarn shell
- Black microfoam nitrile coated on palm and fingers
- Reinforced black nitrile coated thumb crotch

## **APPLICATIONS**

Construction | Material Handling | Glass Handling Operations











## **BLACK NITRILE COATED**

## **Z-GRIP®**

## 4920HG

Sizes: XS-2XL

- 13 gauge hi-vis green engineered yarn shell
- Black nitrile coated on palm and fingers

#### **APPLICATIONS**

Material Handling | Glass Handling Operations | Sanitation









## **Z-GRIP®**

## 4928HG

Sizes: XS-2XL

■ 13 gauge hi-vis green high performance polyethylene fiber/ knit shell (HPPE)

Gray polyurethane coated on palm and fingers

## **APPLICATIONS**

Material Handling | Glass Handling Operations | Sanitation









WARNING: Cancer | www.Prop65Warnings.ca.gov

## **BLUE NITRILE FULLY COATED**

## **Z-GRIP®**

## 4925

Sizes: S-2XL

- 13 gauge outer salt and pepper high performance polyethylene fiber/knit shell (HPPE)
- Blue nitrile fully coated with black nitrile coated on palm and fingers
- Actifresh<sup>™</sup> or sanitized treated

## **APPLICATIONS**

Material Handling | Glass Handling Operations | Fishing Industries | Sanitation











## **BLACK FOAM NITRILE COATED**

## F4920BK

Sizes: XS-2XL

■ 13 gauge salt and pepper high performance polyethylene fiber/ knit shell (HPPE)

Black foam nitrile coated on palm and fingers

## **APPLICATIONS**

Electronics | Glass Cutting | Sheet Metal Handling









**BLACK SANDY FOAM NITRILE COATED** 

## F4920SD

Sizes: XS-2XL

13 gauge salt and pepper high performance polyethylene fiber/ knit shell (HPPE)

Black sandy foam nitrile coated on palm and fingers

## **APPLICATIONS**

Glass Cutting | Sheet Metal Handling | Construction







## **GRAY POLYURETHANE COATED**

## A4926

Sizes: XS-2XL

■ 13 gauge salt and pepper high performance polyethylene fiber/ knit shell (HPPE)

Gray polyurethane coated on palm and fingers

## **APPLICATIONS**

Electronics | Glass Cutting | Sheet Metal Handling | Construction









★ WARNING: Cancer - www.Prop65Warnings.ca.gov





## **GRAY PROPRIETARY FOAM COATED**

## **ULTRA-Z®**

## F4927

Sizes: S-2XL

- 18 gauge gray engineered yarn shell
- Gray proprietary foam coated on palm and fingers

## **APPLICATIONS**

Electronics | Glass Cutting | Construction















## **BLACK SANDY FOAM NITRILE COATED**

## **J-GRIP®**

## F4990HG

Sizes: M-2XL

- 13 gauge hi-vis green engineered yarn shell
- Black sandy foam nitrile coated on palm and fingers

## **APPLICATIONS**

Material Handling | Glass Handling Operations | Sanitation







**U-GRIP®** 

F4970SD Sizes: S-2XL

- 13 gauge salt and pepper engineered yarn shell
- Black sandy foam nitrile coated on palm and fingers
- Reinforced black nitrile coated thumb crotch

**BLACK SANDY FOAM NITRILE COATED** 

#### **APPLICATIONS**

Electronics | Glass Cutting | Sheet Metal Handling | Construction







ABRASION = 4 CUT = X TEAR = 4 PUNCTURE = 2

## **BLACK PVC COATED**

## **ARCTIC-Z**<sup>™</sup>

## F4923

Sizes: M-2XL

- 15 gauge outer forest green engineered yarn shell
- 7 gauge inner black thermal lining
- Black foam PVC ¾ back coated on palm, fingers and full thumb
- Actifresh<sup>™</sup> or sanitized treated

## **APPLICATIONS**

Refrigerated Areas | Utilities | Food Processing | Commercial









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## **FULLY BLUE LATEX COATED**

## **ARCTIC-Z™**

## F4922

Sizes: M-2XL

- 13 gauge outer blue engineered
- 10 gauge inner gray thermal lining
- Fully blue latex coated with black sandy latex coated on palm and fingers

## **APPLICATIONS**

Refrigerated Areas | Utilities | Food Processing











ROTECTIO

APPAREL

APPAREL

RESPIRATORY PROTECTION

PROTECTION

PROTECTION PROTECTION

GRAY PROPRIETARY FOAM COATED

## **ULTRA-Y**<sup>™</sup>

## F4957

Sizes: S-2XL

- 18 gauge blue proprietary engineered yarn shell
- Gray proprietary foam coated on palm and fingers

#### **APPLICATIONS**

Automotive | Parts Assembly | Machine Operations





## **BLACK FOAM NITRILE COATED**

## I-GRIP™

## F4961BK

Sizes: S-2XL

- 21 gauge salt and pepper proprietary engineered yarn shell
- Black foam nitrile coated on palm and fingers



#### REI ATED

F4968BK: PU Coated, Sizes: S-2XL

#### **APPLICATIONS**

Parts Assembly | Shipping and Receiving | Maintenance





## **BLACK SANDY NITRILE COATED**

## **CHARGER FLX™**

## F4955

Sizes: S-2XL

- 18 gauge dark blue engineered yarn shell
- Black double dipped sandy nitrile coated on palm and fingers
- TPR at back of hand and fingers
- Reinforced sandy foam nitrile coated thumb crotch

#### RELATED

F4953: Single dipped sandy foam nitrile coated, Sizes: M-2XL

## **APPLICATIONS**

Oil and Gas | Metal Handling | Industrial Manufacturing | Construction



→ WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov





## BLACK SANDY FOAM NITRILE COATED

## **ULTRA-Y**™

## F4950DD

Sizes: S-2XL

- 18 gauge blue proprietary engineered yarn shell
- Black double dipped sandy foam nitrile palm coated on palm and fingers
- Reinforced sandy foam nitrile coated thumb crotch

#### RELATE

F4950SD: Single dipped foam nitrile coated, Sizes: S-2XL

## **APPLICATIONS**

Automotive | Parts Assembly | Machine Operations











800.327.8333



## **BLUE LATEX COATED**

## K-GRIP®

## KV4729

Sizes: S-XL

- 10 gauge yellow knit shell
- Aramid shell

#### **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication









## **BLACK NITRILE COATED**

## K-GRIP®

## 4830

Sizes: XS-2XL

- 10 gauge yellow knit shell
- Aramid shell

## **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication







## **KEVLAR® STRING KNIT WITH PVC DOTS**

## K-GRIP®

## 4815

Sizes: XS-L

- 7 gauge 100% Kevlar®knit shell
- Two sided black PVC dots

#### RELATED

4815KC: Standard weight, Sizes: S-L

## **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication





**WARNING:** Cancer - www.Prop65Warnings.ca.gov

## **KEVLAR® KNIT COATED**

## K-GRIP®

## 4816

Sizes: MENS

- 7 gauge 100% Kevlar®knit shell
- One sided black PVC dots

## **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication





**WARNING:** Cancer - www.Prop65Warnings.ca.gov

## **KEVLAR® STRING KNIT WITH PVC DOTS**

## K-GRIP®

## 4815FL

Sizes: S & L

- 7 gauge yellow Kevlar® knit shell
- Two sided black PVC dots



## **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication





WARNING: Cancer - www.Prop65Warnings.ca.gov

**KEVLAR® STRING KNIT** 

## K-GRIP®

## 4817

Sizes: S, L & XL

- 7 gauge 100% Kevlar® knit shell
- Reversible



4817Q: Medium weight, Sizes: S-XL 4817KC: Standard weight, Sizes: S-L 4827: Heavy weight, Sizes: S-XL

#### **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication



## YELLOW ATA®/LYCRA STRING KNIT

## 4987

Sizes: S-2XL

■ 13 gauge yellow ATA®/Lycra knit shell



## **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication



## **KEVLAR® KNIT SEWN WITH LEATHER PALM**

## K-GRIP®

## 4883

Sizes: S-2XL

- 7 gauge 100% Kevlar®knit shell with leather palm
- Select split shoulder leather palm
- Reinforced thumb crotch
- Elastic wrist

## **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication





**WARNING:** Cancer - www.Prop65Warnings.ca.gov



#### **KEVLAR® SLEEVES WITH THUMB SLOT**

## 2818KVT

Sizes: ONE SIZE

- 18" length
- 100% Kevlar® material
- Double ply

#### **RELATED**

2814KVT: 14" Length, Sizes: ONE SIZE 2824KVT: 24" Lenength, Sizes: ONE SIZE

#### **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication





## **KEVLAR® SLEEVES**

## 2818KVP

Sizes: ONE SIZE

- 18" length
- 100% Kevlar® material
- Double ply

## **RELATED**

2814KVP: 14" Length, Sizes: ONE SIZE 2824KVP: 24" Lenength, Sizes: ONE SIZE

## **APPLICATIONS**

Automotive | Glass Operations | Metal Fabrication







## **BLUE LATEX COATED**

## A-GRIP®

## 4700

Sizes: S-XL

- 10 gauge gray cotton/polyester shell
- Textured blue latex coated on palm and fingers

## **APPLICATIONS**

Manufacturing | Construction | Fabrication | Warehouse



## **BLACK LATEX COATED**

## A-GRIP®

## 4729HY

Sizes: S-XL

- 10 gauge hi-vis green cotton/ polyester shell
- Textured black latex coated on palm and fingers

#### **APPLICATIONS**

Manufacturing | Construction | Fabrication | Warehouse | Automotive



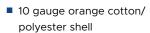
ABRASIO CUT TEAR PUNCTUR

## **BLACK LATEX COATED**

## A-GRIP®

## 4729HO

Sizes: S-XL





## **APPLICATIONS**

Manufacturing | Construction | Fabrication | Warehouse | Automotive



ABRASION = 2 CUT = 2 TEAR = 4 PUNCTURE = 2

## **BLUE LATEX COATED**

## A-GRIP®

## 4729

Sizes: S-XL

- 10 gauge yellow cotton/ polyester shell
- Textured blue latex coated on palm and fingers

## RELATED

4729G: Gray string knit, Sizes: XS-XL

4729QG: Textured blue latex coated, Sizes: S-XL

## **APPLICATIONS**

 ${\it Manufacturing \mid Construction \mid Fabrication \mid Warehouse \mid Automotive}$ 





ABRASION = 2
CUT = 2
TEAR = 4
PUNCTURE = 2

**ORANGE SANDY FOAM LATEX COATED** 

## **A-GRIP®**

## F4772HO

Sizes: S-2XL

- 15 gauge orange nylon shell
- Double dipped orange sandy foam latex coated on palm and fingers



#### **APPLICATIONS**

Assembly | Construction | Material Handling | Refuse Handling | Landscaping



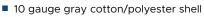


## **BLACK LATEX COATED**

## **A-GRIP®**

## 4729SP

Sizes: S-XL



Textured black latex coated on palm and fingers



## **APPLICATIONS**

Assembly | Construction | Material Handling | Refuse Handling | Landscaping



## **BLUE LATEX COATED**

## **A-GRIP®**

#### 4719

Sizes: S-XL

- 10 gauge white cotton/polyester shell
- Textured blue latex coated on palm and fingers

## **RELATED**

4749: Red latex, Size: MENS

## **APPLICATIONS**

Manufacturing | Construction | Fabrication | Warehouse | Automotive







## **BLACK LATEX COATED**

## **A-GRIP®**

## 4779RD

Sizes: XS-2XL

- 13 gauge red nylon/polyester shell
- Textured black latex coated on palm and fingers

#### APPLICATIONS

Assembly | Construction | Material Handling | Landscaping





## **BLACK FOAM LATEX COATED**

## **A-GRIP®**

#### F4779LG

Sizes: XS-2XL

- 13 gauge hi-vis green nylon/polyester shell
- Black foam latex coated on palm and fingers

## **APPLICATIONS**

Assembly | Construction | Material Handling | Landscaping









## **BLACK PVC COATED**

## ARCTIC-Z™

## F4923

Sizes: M-2XL

- 15 gauge outer forest green engineered yarn shell
- 7 gauge inner black thermal lining
- Black foam PVC ¾ back coated on palm, fingers and knuckles
- Actifresh<sup>™</sup> or sanitized treated

## **APPLICATIONS**

Refrigerated Areas | Utilities | Food Processing









MARNING: Cancer - www.Prop65Warnings.ca.gov

## **BLACK SANDY LATEX COATED**

## **ARCTIC TUFF™**

## F4783HV

Sizes: S-2XL

- 13 gauge outer hi-vis green polyester shell
- 10 gauge inner hi-vis green thermal lining
- Fully orange latex coated with black sandy latex on palm, fingers and full thumb

#### **APPLICATIONS**

Refrigerated Areas | Construction | Manufacturing | Warehouse







## **FULLY BLUE LATEX COATED**

## **ARCTIC Z**<sup>™</sup>

## F4922

Sizes: M-2XL

- 13 gauge outer blue engineered yarn shell
- 10 gauge inner gray thermal
- Fully blue latex coated with black sandy latex coated on palm, fingers and full thumb

## **APPLICATIONS**

Refrigerated Areas | Utilities | Food Processing | Commercial Fishing | Construction









## **BLACK SANDY NITRILE COATED**

## **ARCTIC TUFF™**

## F4784LG

Sizes: M-2XL

- 13 gauge outer hi-vis green polyester shell
- 10 gauge inner hi-vis green thermal lining
- Fully blue nitrile coated with black sandy nitrile coated on palm, fingers and full thumb

## **APPLICATIONS**

Refrigerated Areas | Construction | Manufacturing











## **BLACK LATEX COATED**

## **ARCTIC TUFF™**

## 4789HO

Sizes: S-2XL

- 7 gauge orange acrylic thermal shell
- Black latex coated on palm, fingers and full thumb



## **APPLICATIONS**

Refrigerated Areas | Construction | Manufacturing | Warehouse











## **BLUE LATEX COATED**

## **ARCTIC TUFF™**

## 4789LG

Sizes: S-2XL

- 7 gauge hi-vis green acrylic thermal shell
- Blue latex coated on palm, fingers and full thumb



## **APPLICATIONS**

Refrigerated Areas | Construction | Manufacturing | Warehouse











## **BLUE LATEX COATED**

## **ARCTIC TUFF™**

## 4789BL

Sizes: S-2XL

- 7 gauge blue acrylic thermal shell
- Blue latex coated on palm, fingers and full thumb



## **APPLICATIONS**

Refrigerated Areas | Construction | Manufacturing | Warehouse











**BLACK FOAM LATEX COATED** 

## **ARCTIC TUFF™**

## F4789HO

Sizes: S-2XL

- 7 gauge orange acrylic thermal shell
- Black foam latex coated on palm, fingers and full thumb

## **APPLICATIONS**

Refrigerated Areas | Construction | Warehouse





ABRASION = 3 CUT = 1 TEAR = 4 PUNCTURE = 3





**BLACK FOAM LATEX COATED** 

## **ARCTIC TUFF™**

## F4789LG

Sizes: S-2XL

- 7 gauge hi-vis green acrylic thermal shell
- Black foam latex coated on palm, fingers and full thumb

## **APPLICATIONS**

Refrigerated Areas | Construction | Warehouse













# BLACK MICROFOAM NITRILE COATED G-GRIP™

#### O OIXI

## F4600

Sizes: XS-2XL

- 15 gauge gray nylon shell
- Black microfoam nitrile coated on palm and fingers

## **RELATED**

F4603: PVC dots on coating, Sizes: XS-2XL

## **APPLICATIONS**

Automotive | General Assembly | Machine Operations



## **BLACK MICROFOAM NITRILE COATED**

## **G-GRIP**<sup>™</sup>

## F4601

Sizes: S-2XL

- 15 gauge gray nylon shell
- Black microfoam nitrile ¾ coated on palm, fingers and knuckles

## **RELATED**

F4602: Fully coated, Sizes: S-2XL

## **APPLICATIONS**

Automotive | Hardware | Manufacturing | General Purpose

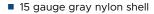


## **BLACK MICROFOAM NITRILE COATED**

## **G-GRIP**<sup>™</sup>

## F4605

Sizes: S-2XL



 Black microfoam nitrile <sup>3</sup>/<sub>4</sub> back coated with dots on palm, fingers and knuckles

# COATED

## **APPLICATIONS**

Assembly | Automotive | Hardware | General Purpose



## **BLACK SANDY NITRILE COATED**

## **G-GRIP**<sup>™</sup>

## F4650

Sizes: XS-2XL

- 15 gauge gray nylon shell
- Black sandy nitrile coated on palm and fingers



## **APPLICATIONS**

Assembly | Automotive | Manufacturing | General Purpose



## **BLACK NITRILE COATED**

## **G-GRIP**<sup>™</sup>

## F4631BK

Sizes: XS-2XL

- 13 gauge black nylon shell
- Black nitrile coated on palm and fingers



#### **RELATED**

F4631CBK: Economy grade, Sizes: XS-2XL

#### **APPLICATIONS**

Automotive | Small Parts Material Handling | General Assembly | Machine Operations



## **BLACK FOAM NITRILE COATED**

## **G-GRIP**<sup>™</sup>

## F4030BK

Sizes: XS-XL

- 13 gauge blue nylon shell
- Black foam nitrile coated on palm and fingers



## **RELATED**

4030HO: Orange shell, Sizes: S-2XL

## **APPLICATIONS**

Assembly | Automotive | Hardware | Manufacturing | General Purpose



## **GRAY FOAM NITRILE COATED**

## **G-GRIP**<sup>™</sup>

## F4630G

Sizes: S-2XL

- 15 gauge white nylon shell
- Gray foam nitrile coated on palm and fingers



## **RELATED**

F4630GC: Economy grade, Sizes: XS-2XL

## **APPLICATIONS**

Assembly | Automotive | Hardware | Manufacturing





## **BLUE SANDY FOAM NITRILE COATED**

## G-GRIP™

## F4632BL

Sizes: S-2XL

- 18 gauge royal blue nylon spandex shell
- Double dipped blue sandy foam nitrile coated on palm and fingers

## **APPLICATIONS**

Assembly | Automotive | Hardware | Manufacturing





## **BLACK NITRILE COATED**

## Q-GRIP®

## 4631QRD

Sizes: S-XL

- 13 gauge red polyester shell
- Black ultra-thin nitrile coated on palm and fingers

## **RELATED**

**4631QBL:** Blue shell, Sizes: S-XL **4631QBK:** Black shell, Sizes: XS-2XL

4630C: White knit, gray coating, Sizes: XS-2XL

## **APPLICATIONS**

Automotive | General Assembly | Machine Operations







**GRAY POLYURETHANE COATED** 

## P-GRIP®

## 4636TCG

Sizes: XS-2XL

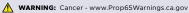
- 13 gauge hi-vis green polyester shell
- Gray ultra-thin polyurethane coated on palm and fingers

## **APPLICATIONS**

Small Parts Handling | General Assembly | Recycling







## **GRAY POLYURETHANE COATED**

## P-GRIP®

## 4639

Sizes: XS-XL

- 13 gauge white nylon shell
- Gray ultra-thin polyurethane coated on palm and fingers

#### **RELATED**

P4639: White nylon/polyester shell, Sizes: XS-XL

## **APPLICATIONS**

Assembly | Hardware | Manufacturing | General Purpose





**WARNING:** Cancer - www.Prop65Warnings.ca.gov

## **BLACK POLYURETHANE COATED**

## P-GRIP®

## 4638BK

Sizes: XS-XL

- 13 gauge black nylon shell
- Black ultra-thin polyurethane coated on palm and fingers

P4638BK: Nylon/polyester shell, Sizes: XS-XL SP4638BK: Polyester shell, Sizes: XXS-2XL

## **APPLICATIONS**

Small Parts Handling | Manufacturing | General Assembly | Recycling





WARNING: Cancer - www.Prop65Warnings.ca.gov

## **GRAY POLYURETHANE COATED**

## P-GRIP®

## 4639G

Sizes: XS-2XL

- 13 gauge gray nylon shell
- Gray ultra-thin polyurethane coated on palm and fingers

## RELATED

P4639G: Gray nylon/polyester shell, Sizes: XS-XL

SP4638G: Polyester shell, Sizes: XXS-2XL

## **APPLICATIONS**

Assembly | Hardware | Manufacturing | General Purpose





WARNING: Cancer - www.Prop65Warnings.ca.gov

## **GRAY POLYURETHANE COATED**

## P-GRIP®

## 4638

Sizes: S-XL

- 13 gauge black nylon shell
- Gray ultra-thin polyurethane coated on palm and fingers



P4638: Nylon/polyester shell, Sizes: S-XL SP4638: Polyester shell, Sizes: XS-2XL

## **APPLICATIONS**

Assembly | Hardware | Manufacturing | General Purpose





**WARNING:** Cancer - www.Prop65Warnings.ca.gov

## WHITE POLYURETHANE COATED

## P-GRIP®

## 4640

Sizes: XS-XL

- 13 gauge white nylon shell
- White ultra-thin polyurethane coated on palm and fingers

P4640: Nylon/polyester shell, Sizes: XS-XL SP4640: Polyester shell, Sizes: XS-XL

## **APPLICATIONS**

Assembly | Hardware | Manufacturing | General Purpose





**WARNING:** Cancer - www.Prop65Warnings.ca.gov

## **BLACK POLYURETHANE COATED**

## P-GRIP®

## 4639GBK

Sizes: XS-XL

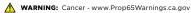
- 13 gauge gray nylon shell
- Black ultra-thin polyurethane coated on palm and fingers



## **APPLICATIONS**

Assembly | Hardware | Manufacturing | General Purpose







## HI-VIS GREEN POLYURETHANE COATED

## SP4636

Sizes: XS-XL

- 13 gauge hi-vis green polyester shell
- Hi-vis green ultra-thin polyurethane coated on palm, fingers and full thumb

SP4637: Orange shell and coating, Sizes: S-XL

#### **APPLICATIONS**

Assembly | Hardware | Manufacturing | General Purpose







## **BLACK BIODEGRADABLE POLYURETHANE COATED**

## T-GRIP™

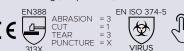
## 4642

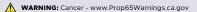
Sizes: S-2XL

- 18 gauge blue nylon shell
- Fully biodegradable polyurethane coated
- Built-in AV-Tech<sup>™</sup> for protection against bacteria and viruses

## **APPLICATIONS**

Manufacturing | Inspection | Maintenance and Repair



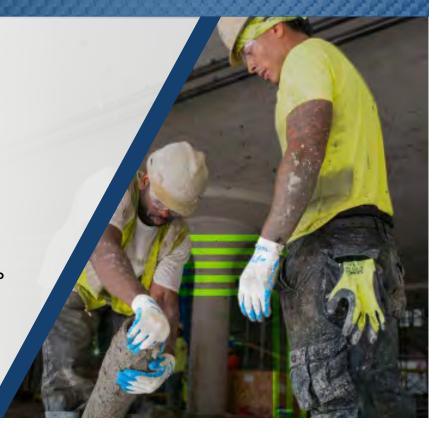




## HAND PROTECTION

**SHOWA**\* is synonymous with the highest degree of hand protection and innovation. Their technology has forever changed the industry, what these hands are capable of and the impact they make on the environment.

They pioneer the quality, performance and protection to give ordinary hands extraordinary abilities.





[NATURAL RUBBER]

Revered for its comfort-conscious construction and tactical grip performance, this natural rubber palm coated 10-gauge seamless 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 fatigue
- + Machine washable

COATING GRIP
Natural rubber Rough
LINER COLOR
Polyester Light gray/blue palm

Cotton 10-gauge

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL 12 dozen pair per case

#### **APPLICATIONS**

Agriculture | Construction | DIY | Janitorial Landscaping | Municipal Services | Packaging



[NATURAL RUBBER]

Featuring a black natural rubber palm coating and dark gray, 10-gauge polyester and cotton knit liner, SHOWA\* 300B is the perfect fit for any dirty, general purpose job.

## **KEY BENEFITS**

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

COATING GRIP
Natural rubber Rough
LINER COLOR
Polyester Gray/black palm

Cotton 10-gauge

PACKAGING 7/S, 8/M, 9/L, 10/XL 12 dozen pair per case

#### **APPLICATIONS**

Construction | DIY | Landscaping | Municipal Services



[NATURAL RUBBER]

Crafted for heavy-duty defense with unsurpassed comfort and grip, SHOWA® 305 features a three-quarter, blue natural rubber 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

COATING GRIP
Natural rubber Rough

LINER COLOR
Polyester Gray/blue coating

Cotton 10-gauge

PACKAGING 7/S, 8/M, 9/L, 10/XL

12 dozen pair per case

## APPLICATIONS

General Purpose



## [NATURAL RUBBER]

Formed with a reinforced thumb crotch for long-lasting comfort and natural rubber palm coating, SHOWA® 330 provides topnotch 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

COATING **GRIP** Natural rubber Rough COLOR LINER Polyester Gray/black palm Cotton

PACKAGING 7/S, 8/M, 9/L, 10/XL 12 dozen pair per case

#### **APPLICATIONS**

10-gauge

Construction | Mechanical | Mining | Utilities Warehousing & Distribution



[NITRILE]

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

COATING **GRIP** Nitrile Rough LINER COLOR Nylon Black/gray palm 13-gauge

PACKAGING 6/S, 7/M, 8/L, 9/XL, 10/XXL 12 dozen pair per case

#### **APPLICATIONS**

Automotive | Mechanical | Mining



[NITRILE]

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

## **KEY BENEFITS**

350

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

**GRIP COATING** Nitrile Rough LINER COLOR Gray/green palm Polyester Cotton

**PACKAGING** 7/S, 8/M, 9/L, 10/XL 12 dozen pair per case

#### **APPLICATIONS**

10-gauge

Engineering | Mechanical



[FOAM NITRILE]

Engineered with a lightweight, 13-gauge seamless knit and embossed wafflepattern 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 fatique
- + Optimal dexterity and comfort
- + Lint-free liner

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

**PACKAGING** 6/S, 7/M, 8/L, 9/XL 12 dozen pair per case

#### **APPLICATIONS**

Automotive | Construction | Engineering Manufacturing | Mechanical



[NATURAL RUBBER]

Custom designed to keep you warm when similar work gloves can't, SHOWA® 300I/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

**COATING GRIP** Natural rubber Rough COLOR LINER Polyester

Light gray/gray palm Cotton Acrvlic

**PACKAGING** 7/S, 8/M, 9/L, 10/XL 12 dozen pair per case

## **APPLICATIONS**

Warehousing & Distribution



4561

Sponge nitrile palm coating over engineered liner with Kevlar® 15-gauge engineered liner made with Kevlar®

## **KEY BENEFITS**

- + Seamless knit Kevlar
- + Form-fitting
- + Abrasion resistant
- + Flame resistant / Oil grip + Unparalleled dry & oil grip

COATING **GRIP** Foam nitrile Sponge LINER COLOR Seamless knit White/gray palm 15-gauge

PACKAGING 6/XS, 7/S, 8/M, 9/L, 10/XL 6 dozen pair per case

## **APPLICATIONS**

Automotive Repairs and Maintenance | Light Assembly | Assembly Dry Parts | Bottling | Handling Glass and Windows | HVAC



[ANSI CUT LEVEL A3]

Durable natural rubber palm coating over 10-gauge cut resistant, seamless knit liner made with Keylar.

#### **KEY BENEFITS**

- + ANSI cut Level A3
- + Excellent wet & dry grip
- + High puncture resistance
- + Good dexterity & flexibility



[ANSI CUT LEVEL A3]

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

#### **KEY BENEFITS**

- + ANSI cut Level A3
- + Excellent oil grip
- + High puncture resistance
- + Good dexterity & flexibility
- + Breathable, ventilated back



[ANSI CUT LEVEL A2]

12-inch gauntlet triple-dipped in PVC with a seamless cut-resistant liner made with Keylar.

#### **KEY BENEFITS**

- + ANSI cut level A2
- + Chemical resistant
- + Abrasion resistant
- + Excellent durability
- + Maintains cut performance after multiple launderings
- + Rough finish over entire surface

COATING GRIP
Natural rubber Rough

LINER COLOR
Kevlar Yellow/blue palm

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL 12 dozen pair per case

## **APPLICATIONS**

Automotive | Glass | Manufacturing | Municipal Services

COATING Nitrile GRIP Rough

LINER COLOR

Kevlar\* Yellow/green palm

**PACKAGING** 7/S, 8/M, 9/L, 10/XL 12 dozen pair per case

#### **APPLICATIONS**

Automotive | Glass | Manufacturing | Mechanical Municipal Services



Kevlar\* Blue

**PACKAGING** 8/M, 9/L, 10/XL, 11/XXL 6 dozen pair per case

APPLICATIONS

Chemical | Glass | Utilities



[ANSI CUT LEVEL A2]

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

## REPUBLITS

541

- + ANSI cut level A2
- + Protects from oils & grease
- + Resistance to abrasion & tears
- + Lightweight, breathable liner
- + Dark color extends number of wears
- + Fully launderable

COATING GRIP
Polyurethane Rough

LINER COLOR
HPPE Gray/gray palm

**PACKAGING** 6/S, 7/M, 8/L, 9/XL, 10/XXL 1 pair per polybag, 6 dozen pair per case

## APPLICATIONS

Manufacturing | Metallurgy | Mining



[ANSI CUT LEVEL A2]

Combining a seamless 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 A2
- + Resistance to oils & grease
- + Effective long lasting grip
- + Resistance to abrasion & tears
- + Lightweight, breathable liner
- + Fully launderable

COATING
Nitrile
Rough

LINER
HPPE
COLOR
Light gray/blue palm

PACKAGING 6/S, 7/M, 8/L, 9/XL 12 dozen pair per case

#### **APPLICATIONS**

Manufacturing | Mechanical | Mining



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
LINER COLOR
Seamless knit 13-gauge Black/blue coating/ black palm

**PACKAGING** 6/S, 7/M, 8/L, 9/XL, 10/XXL 6 dozen pair per case

#### **APPLICATIONS**

Automotive | Mechanical | Oil & Gas | Railways Utilities



[NITRILE] [FOAM NITRILE]

Championed for its ultra-tactile 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	

LINER COLOR

Seamless knit 13-gauge

**PACKAGING** 6/S, 7/M, 8/L, 9/XL, 10/XXL 6 dozen pair per case

#### **APPLICATIONS**

Airports & Ports | Automotive | Mechanical Construction | Railways | Mining



306

[NATURAL RUBBER]

Built to excel in the elements year-round, SHOWA® 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.

## **KEY BENEFITS**

- + Enhanced grip and abrasion resistance
- + Enhanced breathability and reduced perspiration
- + Water-repellent barrier
- + Engineered coating for maximum flexibility
- + No irritation from seams on skin

COATING	GRIP
Natural rubber	Foam

COLOR LINFR Polyester, Cotton Blue/black palm

**PACKAGING** 6/S, 7/M, 8/L, 9/XL, 10/XXL 12 dozen pair per case

## **APPLICATIONS** Construction | Mining



[INSULATED]

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 & durability
- + Fixed acrylic terry liner
- + Longer reinforced knit cuff
- + Impermeable to end of coating
- + Full hand protection
- + Long-lasting warmth & comfort
- + Resistant to abrasion & tearing

COATING	GRIF
Foam nitrile	Foam

LINER COLOR

Blue coating/black palm Acrylic, Polyester, Nylon Blue coating/black palm Microfiber, Nylon

> PACKAGING 7/M, 8/L, 9/XL, 10/XXL 6 dozen pair per case

**APPLICATIONS** 

Oil & Gas | Construction



[POLYURETHANE]

The unique micro-ventilated waterproof polyurethane coating protects the hand against water and liquids, whilst the innovative inner membrane allows warm air and moisture to escape.

#### **KEY BENEFITS**

281

- + Creates an impenetrable barrier against water and liquids
- + Breathable, reduces perspiration
- + Excellent wet and dry grip
- + Extreme flexibility
- + Form-fitting design

<b>COATING</b> Micro-ventilated Polyurethane (PU)	<b>GRIP</b> Rough
LINER	COLOR
Nylon	Blue

**PACKAGING** 7/S, 8/M, 9/L, 10/XL 10 pair per polybag, 6 polybags per case

## 60 pair per case **APPLICATIONS**

Automotive | Construction | Janitorial | Mining



381 [FOAM NITRILE]

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	GRIP
Foam nitrile	Embossed

LINER COLOR Gray/black palm

**PACKAGING** 6/S, 7/M, 8/L, 9/XL 12 dozen pair per case

## **APPLICATIONS**

Aerospace | Airports & Ports | Automotive Construction | Engineering | Mechanical | Mining



Waterproof yet breathable, SHOWA® 282

[POLYURETHANE]

uses thermal insulation and our stateof-the-art TEM RES technology to keep hands warm, dry and well-protected in cold climates.

#### **KEY BENEFITS**

282

- + Creates an impenetrable barrier against water and liquids
- + Breathable, reduces perspiration
- + Excellent wet and dry grip
- + Extreme flexibility
- + Form-fitting design

**COATING GRIP** Polyurethane Rough COLOR LINER Acrylic, Insulated Blue

**PACKAGING** 8/M, 9/L, 10/XL, 11/XXL 12 pair per polybag, 6 polybags per case 72 pair per case

#### **APPLICATIONS**

Food | Mining | Utilities | Cold | Liquids



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+ High resistance to common acids, bases & solvents+ Soft, cotton liner absorbs perspiration
- + Rough finish provides excellent grip
- + Knit wrist ensures glove stays correctly adjusted

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

**PACKAGING** 7/S, 8/M, 9/L, 10/XL 6 dozen pair per case

## **APPLICATIONS**

ATLAS<sup>®</sup>

720

General Purpose | Liquids | Chemical Spray Treatment | Public Utility



Strong yet extremely soft and flexible, SHOWA 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

ATLAS<sup>®</sup>

620

[PVC]

- + Seamless cotton lining for comfort

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

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL 6 dozen pair per case

#### APPLICATIONS

Chemical | Liquids | General Purpose | Public Utility



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

[PVC]

#### **KEY BENEFITS**

ATLAS'

660

[PVC]

- + Heavy-duty defense against chemicals
- + High dexterity
- + Offers high-performance grip and tactile feel in greasy and damp environments

COATING	LENGTH
PVC	12 inches
LINER	COLOR
Cotton	Blue
GRIP Rough	

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL 6 dozen pair per case

## **APPLICATIONS**

Chemical | Metallurgy | Mining



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.

COATING	LENGTH
Nitrile	12 inches
<b>LINER</b>	COLOR
Seamless knit	Blue
<b>GRIP</b> Rough	

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL 12 dozen pair per case

**APPLICATIONS** 

Chemical | Food | Mining | Liquid | Factory



690

[NITRILE]

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

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

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL Individually polybagged, 6 dozen pair per case

**APPLICATIONS** 

Chemical | Wet Environments



**ATLAS** 772

[PVC]

[NITRILE]

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.

LENGTH 26 inches
COLOR Yellow
<b>GRIP</b> Rough

**PACKAGING** 7/S, 8/M, 9/L, 10/XL Individually polybagged, 6 dozen pair per case

**APPLICATIONS** 

Chemical | Mining | Oil | Abrasion

[NITRILE]

[BUTYL]



[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

COATING GRIP
Natural rubber Rough

LINER COLOR
Cotton White/yellow palm

PACKAGING 8/S, 10/L 6 dozen pair per case

## **APPLICATIONS**

Landscaping | Mechanical | Municipal Services General Purpose



6797R

[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 absorbs perspiration from within keeping you cool and comfortable.

#### **KEY BENEFITS**

+ Elbow-length gauntlet

COATING	LENGTH
Neoprene	Elbow-length
LINER	GRIP
Cotton	Smooth (6797)
	Rough (6797R)

PACKAGING 10/L 3 dozen pair per case

#### **APPLICATIONS**

Chemical | Hot & Cold Environments | General Purpose



7714R

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

<b>COATING</b>	LENGTH
PVC	14 inches
LINER	COLOR
Cotton	Black

**GRIP** 

Smooth (7714), Rough (7714R)

PACKAGING 10/L 6 dozen pair per case

#### **APPLICATIONS**

Chemical | Engineering | Janitorial | Municipal Services



892

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

## **KEY BENEFITS**

- + Protects against aromatics such as benzene, toluene, xylene
- + Excellent barrier to most halogenated hydrocarbons

COATING	LENGTH
Viton over Butyl	12 inches
<b>LINER</b>	THICKNESS
Unlined	12 mil
GRIP	COLOR
Smooth	Black

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL 1 pair per polybag

#### **APPLICATIONS**

Chemical | Liquids | General Purpose



7066R

[PVC]

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.

#### **KEY BENEFITS**

+ Palm coating, safety cuff

COATING	GRIP
Nitrile	Rough
LINER	COLOR
Cotton	White/navy palm

**PACKAGING** 8/S, 9/M, 10/L 6 dozen pair per case

#### **APPLICATIONS**

Automotive | DIY | Landscaping | Mechanical General Purpose



874R

[VITON +BUTYL]

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

COATING	LENGTH
Butyl	14 inches
LINER	THICKNESS
Unlined	14 mil
GRIP Smooth (874) Rough (874R)	<b>COLOR</b> Black

PACKAGING 7/S, 8/M, 9/L, 10/XL, 11/XXL 1 pair per polybag

## APPLICATIONS

Chemical | Mining | Gas Resistance



## HAND PROTECTION

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\* 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, low-modulus nitrile glove.

The latest addition to the N-DEX\* family of products is the world's first biodegradable glove, SHOWA\* N-DEX\* 6105PF with EBT\*. Eco Best Technology\*(EBT) is a patented solution to the massive amounts of gloves that are discarded in landfills.





[NITRILE]

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 helps keep debris out

POLYMER
Nitrile
LINER
Disposable

GRIP
Bisque

THICKNESS
4 mil
LENGTH
9.5 inches
COLOR
Blue
Blue

PACKAGING XS, S, M, L, XL, XXL\*

100 gloves per dispenser, 10 dispensers per case \*7500PFXXL packaging is 90 gloves per dispenser

#### **APPLICATIONS**

Automotive | Chemical | Electronics | Food Healthcare | Laboratory | Warehousing & Distribution



[NITRILE]

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

## **KEY BENEFITS**

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

POLYMER
Nitrile Low-modulus
LINER
Disposable
GRIP
Smooth

THICKNESS
4 mil
LENGTH
9.5 inches
COLOR
Light blue

**PACKAGING** XS, S, M, L, XL, XXL 100 gloves per dispenser, 20 dispensers per case

#### **APPLICATIONS**

Washing and Cleaning | Pharmaceutical Painting & Spray Workshops



[NITRILE]

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 helps keep debris out
- + Second-skin fit & feel

POLYMER
Nitrile Low-modulus
LINER
Disposable

GRIP
Bisque fingertips

THICKNESS
4 mil
LENGTH
9.5 inches
COLOR
Fluorescent green

PACKAGING XS, S, M, L, XL

100 gloves per dispenser, 20 dispensers per case

#### **APPLICATIONS**

Agriculture | Automotive | Municipal Services Pharmaceutical | Utilities



Powder-free, **5-mil, 12-inch,** disposable low-modulus nitrile glove. **Clean-room device.** 

#### **KEY BENEFITS**

- + Clean-room device
- + Lower allergy risks
- + Anti-static properties
- + Repels wet substances
- + Rolled cuff helps keep debris out
- + Ambidextrous

**POLYMER** 

Nitrile Low-modulus	5 mil
<b>LINER</b> Disposable	LENGTH 12 inches
<b>GRIP</b> Bisque fingertips	COLOR Off white

**THICKNESS** 

#### PACKAGING XI

10 polybags per case

#### **APPLICATIONS**

Electronics | Pharmaceutical | Laboratory Warehousing & Distribution



8-mil, 9.5-inch, powder-free, low modulus nitrile disposable glove.

## **KEY BENEFITS**

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

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

## PACKAGING S, M, L, XL

50 gloves per dispenser, 20 dispensers per case

## **APPLICATIONS**

Agriculture | Automotive | Municipal Services Pharmaceutical | Utilities



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

[NITRILE]

#### **KEY BENEFITS**

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

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

PACKAGING XS, S, M, L, XL, XXL 100 gloves per dispenser, 10 dispensers per case APPLICATIONS

Automotive | Food | Janitorial | Labotary



8-mil, 9.5-inch, low modulus nitrile disposable glove.

## **KEY BENEFITS**

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

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

## PACKAGING S, M, L, XL

50 gloves per dispenser, 20 dispensers per case

## **APPLICATIONS**

Agriculture | Automotive | Municipal Services Pharmaceutical | Utilities



[NITRILE

**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
- + Decreased risk of allergies
- + High performance of protection
- + Second-skin fit & feel

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

PACKAGING XS, S, M, L, XL, XXL 100 gloves per dispenser, 10 dispensers per case APPLICATIONS

Automotive | Food | Janitorial | Labotary | Mining Pharmaceutical



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 helps keep debris out

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

#### PACKAGING S, M, L, XL

50 gloves per dispenser, 20 dispensers per case

## **APPLICATIONS**

Agriculture | Automotive | Municipal Services
Pharmaceutical | Utilities

## **CHEMICAL RESISTANT GLOVES**

Hand injuries from chemical exposure can be easily preventable by wearing the proper chemical resistant gloves. However, there is no "one size fits all" type of chemical resistance when it comes to protecting your hands.

Fortunately, you can call on the sales team at Liberty Safety to help you choose the best glove for your needs.



## WHAT TYPE OF MATERIAL WORKS BEST FOR CHEMICAL PROTECTION?

Choosing the best glove for your workplace application means not just getting the size right but getting the protective material right too. The material used in your chemical resistant gloves must be appropriate for the process they are being used for. The job and the health of your skin depend on it.

After identifying the chemical hazards you'll be exposed to, the next step is to consider how the glove material or polymer will stand up to it. Different glove materials offer varying degrees of protective properties, texture, flexibility, and thickness.

There are four most common types of chemical resistant materials that will protect against chemical hazards:

**Rubber** (or latex) coated gloves resist bases, acids, alcohols, and diluted aqueous solutions of most types of chemicals. When used for gloves, it adds superior grip and cut resistance. Rubber-coated gloves are an excellent choice for handling ceramic, glass, and some sharp-edged products. This material is very common and often used in less expensive protective gloves. It's not known for high chemical exposure protection. Instead, it is mainly used to offer protection against bloodborne pathogens and is used frequently in the food industry. Note that it also can create an allergic reaction in some people, so a skin test before use is a good idea.

**Nitrile** is a perfect solution for oils, petroleum, and certain acids and caustics. It is sometimes also known as synthetic rubber. Additional abrasion resistance offers a non-slip grip and makes nitrile gloves a good choice for general-purpose use. It's a material used in a wide variety of gloves for many applications. Used in the oil and gas industry as well as the medical industry, the material is considered a mainstay of chemical-resistant glove construction. Because they have poor flame resistance, it's not recommended when using strong oxidizing acids or organic chemicals with nitrogen.

**Neoprene** has similar basic chemical resistance qualities as nitrile but with less abrasion resistance. Depending on the application, both nitrile and neoprene are available in unsupported and coated (palm or fully coated). Neoprene is known for excellent protection against certain acids and a broad range of other chemical hazards like alcohols, oils, and inks. It is also known for its flexibility and dexterity and therefore really holds up in work environments that need good sensitivity and grip. However, gloves made from Neoprene material are not recommended around oxidizing acids like nitric or chromic acids.

**Polyvinyl Chloride (PVC)** is the best choice for cost-effectiveness when protecting against chemicals, oils, and grease. This compound is the perfect choice for hand protection against petrochemicals, refining, and construction sites. PVC is available in laminated (PVC sealed to a baseliner such as knit lining) or impregnated (PVC blends through a cotton or jersey liner). You may already be familiar with PVC but instead, refer to it as plastic or vinyl. It offers durability and has good resistance to cuts and snags. It is an excellent choice for chemical and abrasion resistance where moisture is not a concern. It's not recommended to use with acetone or chlorinated type solvents because it can actually harden the material and make the glove challenging to use.

For

For questions on choosing the right glove, contact your customer service representative.

Review the chemical resistant chart below to help you identify the material that's best suited for the work you'll be performing.

**UNSUPPORTED PERFORMANCE** 

SUPPORTED / UNSUPPORTED CHEMICAL RESISTANCE CHART:
This chart had been provided to assist the user with choosing the most appropriate personal protection product. It is always the responsibility of the user to determine risk and perform 'on-site' testing before putting the product to actual use. The manufacturer, distributor, and sales representitive do not accept the responsibility for the user's choice of product against any particular risk.

SUPPORTED P	SUPPORTED PERFORMANCE							
CHEMICAL	NATURAL RUBBER	NEOPRENE	NITRILE	POLYVINYL CHLORIDE (PVC)				
Acetaldehyde	F	E	Р	NR				
Acetic Acid	G	E G F	G	F.				
Acetone	Ğ F	G	NR	NR				
Acetonitrile Acrylic Acid	Ė	NR	F G	NR NR				
Ammonium Fluride	E E	E	E	E				
Ammonium	_	_	_	_				
Hydroxide <30%	G	E	E	E				
Amyl Acetate	F	NR	E	Р				
Ammyl Alcohol	G	P	G	NR				
Aniline	P	<u>G</u>	NR	F				
Animal Fats	P	Ē	Ē	G				
Battery Acid Benzaldehyde	G F	E NR	E NR	E NR				
Benzene	NR	NR	P	NR NR				
Benzoy Chloride	P	NR	NR	NR				
Butane	P	F	E	P				
Butyl Acetate	Р	NR	F	NR				
Butyl Alchol	E	E	Р	G				
Butyl Cellosolve®	E	E	E	NR				
Carbolie Acid	P	E	P	G				
Carbon Disulfide	NR	NR	NR	NR				
Carbon Tetrachloride Castor Oil	NR E	P E	G E	NR E				
Cellosolve® Acetate	G	F	G	NR				
Cellosolve® Solvent	Ĕ	Ė	Ğ	NR				
Chlorine Gas	NR	NR	Ē	F				
Chlorobenzene	NR	NR	NR	NR				
Chloroform	NR	F	NR	NR				
Chloronapthalene	NR	NR	E	NR				
Chlorothene® VG	NR	NR	E	P				
Chromic Acid Citric Acid	NR	F E	F E	G E				
Cottonseed Oll	E P	Ē	Ë	G				
Cresol	P	Ğ	Ğ	Ĕ				
Cutting Oil	F	Ē	Ē	P				
Cyclohexane	Р	E F E G F	E E E F	Р				
Cyclohecanol	Р	Ę	E	G				
Diacetone Alcohol	NR	G	<u>E</u>	NR				
Dibutyl Phthalate	P NR	P P	E F	G NR				
Diethylamine Di-Isobutyl Ketone	INK D	P	E	NK D				
Dimethyl	F	F	_					
Formamide, DMF	E	G	NR	NR				
Dimethyl								
Sulfoxide, DMSO	E	E	E	NR				
Dioctyl	_	_	_					
Phthalate, DOP	P	G	G	NR				
Dioxane Ethyl Acetate	F P	NR	NR ND	NR ND				
Ethyl Acetate Ethyl Alcohol	E	F E	NR E	NR G				
Ethylene Dichloride	P	NR	NR	NR				
Ethylene Glycol	Ë	E .	E	E				
Ethylene Ether	NR	E E	E	NR				
Ethylene Trichloride	P	Р	P	NR				
Formaldehyde	Ē	Ē	Ē	틸				
Formic Acid Freon®TF	E NR	E G	E F	E ND				
Freon®1F Furfural		G	NR	NR NR				
Gasoline (White)	E NR	G P	E	P				
Glycerine	E	E	Ē	É				
Hexane	NR	E E	Ē	NR				
Hydraulic Fluid -								
Petroleum Base	Р	F	E	G				
Hydraulic Fluid -								
Ester Basase	P	P E	P	P				
Hydrazine 65%	G		Е	Е				
Hydrochloric Acid 30%	Е	Е	E	E				
Hydrochloric Acid	G	Ē	Ė	Ė				
Hydrogen			_					
Peroxide 30%	E	E	E	E				
Hydropuinonc								
I Saturated	G	E	Ē	E				
Isoamyl Alcohol	G	E E E	E	G F				
Isobutyl Alcohol Iso-Octane	E NR	Ė	E	F P				
iso-octaile	INK	-	_					

UNSUPPORTE	DPERFOR	MANCE		
CHEMICAL	NATURAL RUBBER	NEOPRENE	NITRILE	POLYVINYL CHLORIDE (PVC)
Abrasion Resistance	G	G	Е	G
Elongation	E	<u> О</u> шшш Ошшшшшш	E G E G G E E E E E E E	G F
Heat Resistance	Ē	E	E	P
Ozone Resistance	G	Ė	G	Ė
Tear Resistance Tensile Strength	G	6	6	P E F
Isopropyl Alcohol	E E	Ė	Ė	Ġ
Kerosene	Р	Ē	Ē	Ĕ
Lacic Acid 85%	E G	E	E	G F E
Lauric Acid	G	E	E	Ę
Linoleic Acid	P P	Ę	Ē	G
Linseed Oil Maleic Acid	Р	E	E	Е
Saturated	Р	Е	E	G
Methyl Acetate	P	Ğ	E P	NR
Methyl Alcohol	E	G E G	E E	G
Methlamine	E		E	E
Methylene Bromide	NR NR	NR NR	NR NR	NR NR
Methylene Chloride Methyl Cellosolve®	P	E E	F	NR NR
Methyl Ethyl		_		TVIX
Ketone, MEK	G	G	NR	NR
Methyl Isobutyl				
Ketone, MIBK	F	NR	P	NR
Methyl Methacrylate	P P	NR	P	NR F
Mineral Oil Mineral Spirits	NR	E	E E E	F F
Monoethanolamine	G	G E P	Ė	E E
Morpholine	Ğ	P	NR	NR
Muriatic Acid	G	E		G
Naphtha VM&P	NR	E G E	E E G G	Р
Nitric Acid <30%	Ģ		G	G
Nitric Acid 70% Nitric Acid	F	G	G	F
Red Fuming	Р	NR	NR	Р
Nitric Acid		INIX	INIX	
White Fuming	Р	NR	NR	Р
Nitrobenzene	Р	NR	NR	NR
Nitromethane	G	E	F_	P
1-Nitropropane	E NR	G E E	NR	NR P
Octane Octyl Alcohol	G	E	E E E	F
Oleic Acid	P	Ē	Ē	F
Oxalie Acid				
Saturated	Ē	E	Ę	E
Paint Remover	F	G	G	Р
Palmitic Acid Saturated	Е	Е	E	Е
Pentachlorophenol	L	L	L	L
1.25% H2O	Р	E	Е	F
Pentane	Р	E	E E E G	NR
Perchloric Acid 60%	P	E	E	E
Perchlorethylene	NR	NR E	G NR	NR
Phenol Phosporic Acid,	G		INR	G
Concentrated	Е	E	Е	E
Picric Acid				
Saturated. EtOH	G	E	E	E
Potassium Hydroxide	-	_	-	-
<50% Printing Ink	E G	E G	Ē	E F
Printing ink Propyl Acetate	Р	P	Ė	F NR
Propyl Alcohol	E G	Ë	E	F
Propyl Cellusolve®	G	NR	E E F E G E	F
Propylene Glycol	E	E	E	E
Propylene Oxide	P	NR ND	NR ND	NR ND
Pyrodine Rubber Solvent	NR NR	NR G	NR F	NR NR
Safrotin	G	G	E G	G
Sodium Hydroxide				
<50%	E	Е	E E	E
Stoddard Solvent	Р	Е	E	NR
Styrene Sulfuric	ND	ND	NID	ND
Acid 95% Tannic Acid 65%	NR E	NR E	NR E	NR E
Tannic Acid 65% Tetrahydrofuran, THF	NR	NR	NR	NR
Toluene	NR NR	O	G	NR NR
Toluene	.410			
Di-Idlcyanate, TDI	Р	NR	NR	Р
1, 1.1 - Trichloroethane	NR	NR	Ę	NR
Trichlorethylene, TCE	NR	Р	G	NR
Tricresyl	_	_	_	-
Phosphate, TCP Trithanolamine	G	F	E	F
85%, TEA	G	E	F	E
Tung Oil	NR NR	Ē	Ē	F
Turbine Oil	Р	E	G	E F F
Turpentine	P	G	Ē	F
Vegetable Oil	E	E E G E	E E G E E G	E
Xylene, Xylol	NR	P	G	NR

## CHART KEY

E = EXCELLENT
G = GOOD
F = FAIR
P = POOR
NR = NOT RECCOMMENDED



## SMOOTH FINISH BLACK PVC

## 2233

Sizes: S-L

- Single dipped
- Interlock lined
- 12" gauntlet

#### **RELATED**

2231: Knit wrist, Size: Large 2232: 10" gauntlet, Size: Large 2234: 14" gauntlet, Size: Large 2238: 18" gauntlet, Size: Large

#### **APPLICATIONS**

Material Handling | Oil Refining | General Purpose

★ WARNING: Cancer - www.Prop65Warnings.ca.gov



#### SEMI-ROUGH BLACK PVC

## 2131

Sizes: MENS

- Single dipped
- Interlock lined
- Knit wrist

#### **RELATED**

2132: 10" gauntlet, Size: Large 2133: 12" gauntlet, Size: Large 2134: 14" gauntlet, Size: Large

## **APPLICATIONS**

Agriculture | Carpentry | Farming | Landscaping

**WARNING:** Cancer - www.Prop65Warnings.ca.gov

## **ROUGH FINISH BLACK PVC**

#### 12433

Sizes: MENS

- Double dipped
- Jersey lined
- 12" gauntlet

## **RELATED**

12431: Knit wrist, Size: Large 12432: 10" gauntlet, Size: Large 12434: 14" gauntlet, Size: Large

12438: 18" gauntlet, Size: Large

12423: Interlock lined, Size: Large 12424: Interlock lined, 14" gauntlet,

Size: Large

#### **APPLICATIONS**

Agriculture | Carpentry | Farming | Landscaping

WARNING: Cancer - www.Prop65Warnings.ca.gov

## SANDY FINISH BLACK PVC

## 2633

Sizes: MENS

- Double dipped
- Jersey lined
- 12" gauntlet

## **RELATED**

2631: Knit wrist, Size: Large 2632: 10" gauntlet, Size: Large 2634: 14" gauntlet, Size: Large

2638: 18" gauntlet, Size: Large

2623: Interlock lined, Size: Large 2624: 14" gauntlet, interlock lined, Size: Large

2622: 10" gauntlet, interlock lined,

Size: Large

#### **APPLICATIONS**

Agriculture | Chemical | Janitorial

WARNING: Cancer - www.Prop65Warnings.ca.gov

#### SANDY FINISH GREEN PVC

## 2733

Sizes: MENS

- Double dipped
- Jersey lined
- 12" gauntlet

#### **RELATED**

2731: Knit wrist, Size: Large 2734: 14" gauntlet, Size: Large 2738: 18" gauntlet, Size: Large

## **APPLICATIONS**

Agriculture | Chemical | Janitorial







## SMOOTH FINISH YELLOW PVC

## 2333

Sizes: MENS

- Single dipped
- Interlock lined
- 12" gauntlet

#### **RELATED**

2331JL: Jersey lined, knit wrist, Size: Large

2333JL: Jersey lined, Size: Large

2334JL: Jersey lined, 14" gauntlet, Size: Large

2331: Knit wrist, Size: Large 2334: 14" gauntlet, Size: Large

#### **APPLICATIONS**

Material Handling | Oil Refining | General Purpose

**WARNING:** Cancer - www.Prop65Warnings.ca.gov

## SANDY FINISH BLACK PVC

## 2640

Sizes: MENS

- Double dipped
- Black PVC over yellow
- Jersey lined
- 2½" plasticized safety cuff



## **APPLICATIONS**

Agriculture | Chemical | Janitorial

WARNING: Cancer - www.Prop65Warnings.ca.gov

#### FOAM INSULATED FULLY COATED SMOOTH FINISH PVC

## 2520

Sizes: MENS

- Orange
- 2½" rubberized safety cuff



## RELATED

**2521:** Knit wrist, Size: Large **2523:** 12" gauntlet, Size: Large **2524:** 14" gauntlet, Size: Large

## **APPLICATIONS**

Cold Material Handling | Warehouse

**WARNING:** Cancer - www.Prop65Warnings.ca.gov



# FOAM INSULATED FULLY COATED SMOOTH FINISH PVC

## 2530

Sizes: MENS

- Tan color
- 2½" rubberized safety cuff

#### **APPLICATIONS**

Cold Material Handling | Warehouse

WARNING: Cancer - www.Prop65Warnings.ca.gov



#### **PVC CHIPS FINISH ON RED PVC**

## 2450

Sizes: MENS

- Triple dipped
- Jersey lined
- Band top

#### RELATED

**2451:** Knit wrist, One size **2453:** 12" gauntlet, One size **2454:** 14" gauntlet, One size

## **APPLICATIONS**

Petrochemical | Refining | Maintenance

MARNING: Cancer - www.Prop65Warnings.ca.gov



## **SMOOTH FINISH BLUE NITRILE**

## 9463SP

Sizes: S-L

- Heavy weight coated
- Jersey lined
- Fully coated
- Knit wrist

#### **RELATED**

9363SP: Nitrile palm coated, Sizes: S-XL

9373: Light weight nitrile palm coated, Sizes: S-XL

9373SP: Interlock lined, Sizes: S-XL

9473SP: Light weight nitrile coated, Sizes: M-XL

## **APPLICATIONS**

Material Handling | Petrochemical and Oil Refining



# SMOOTH FINISH BLUE NITRILE WITH SAFETY CUFF

## 9360SP

Sizes: S-L

- Heavy weight coated
- Jersey lined
- Palm and knuckle coated
- 2½" plasticized safety cuff

## RELATED

9460SP: Fully nitrile coated, Sizes: S-L

#### **APPLICATIONS**

Material Handling | Petrochemical and Oil Refining

## **ROUGH FINISH BLUE NITRILE**

## 9430

Sizes: MENS

- Heavy weight coated
- Jersey lined
- Fully coated
- 2½" plasticized safety cuff

#### **PFI ATFD**

9330: Nitrile palm coated, safety cuff, Size: Large

#### **APPLICATIONS**

Material Handling | Petrochemical and Oil Refining

## NATURAL RUBBER CRINKLE LATEX

**FINISH COATED** 

## 2300

Sizes: S & L

- Standard grade rubber
- Jersey lined
- 2½" starched safety cuff

## **RELATED**

2300Q: Cotton woven lined, Size: Large

#### **APPLICATIONS**

Glass Handling | Public Utility

## NATURAL RUBBER LATEX CRINKLE

**FINISH COATED** 

## 2303

Sizes: S & L

- Standard weight rubber
- Jersey lined
- Knit wrist

## **APPLICATIONS**

Glass Handling | Public Utility



ROTECTIC

APPARE

PROTECTIV APPAREL

RESPIRATORY PROTECTION

HEAD & FOOT PROTECTION

PROTECTION

CCESSORIES

18 MIL NATURAL LATEX CANNERS

#### 2880SL

Sizes: S-XL

- 12" length
- Unlined
- Embossed grip on palm and fingers

#### **RELATED**

2881SL: Individual generic poly bag per pair, Sizes: S-XL

#### **APPLICATIONS**

Chemical | Food Processing | Janitorial



#### 18 MIL BLUE LATEX CANNERS

#### 2886SL

Sizes: XS-XL

- 12" length
- Unlined
- Embossed grip on palm and fingers

#### **APPLICATIONS**

Chemical | Food Processing | Janitorial



#### 18 MIL BLUE LATEX HOUSEHOLD

#### 2780BSL

Sizes: S-XL

- 12" length
- Flock lined
- Embossed grip on palm and fingers

#### **APPLICATIONS**

Chemical | Food Processing | Janitorial











#### 18 MIL YELLOW LATEX HOUSEHOLD

#### 2870SL

Sizes: S-XL

- 12" length
- Flock lined
- Embossed grip on palm and fingers

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial





#### **22 MIL GREEN NITRILE**

#### 2950SL

Sizes: M-2XL

- 18" length
- Unlined
- Embossed grip on palm and fingers

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial





#### 11 MIL YELLOW NITRILE

#### 2980YC

Sizes: S-2XL

- 13" length
- Unlined
- Embossed grip on palm and fingers

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial



#### **8 MIL BLUE NITRILE**

#### 2988SL

Sizes: S-2XL

- 13" length
- Unlined
- Embossed grip on palm and fingers
- Bacteriostatic and fungistatic additives

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial



#### 11 MIL GREEN NITRILE

#### 2980SL

Sizes: S-2XL



Unlined

■ Embossed grip on palm and fingers

# 2

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial



#### 15 MIL GREEN NITRILE

#### 2960SL

Sizes: S-2XL

- 13" length
- Unlined
- Embossed grip on palm and fingers



#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial



#### 30 MIL BLACK NEOPRENE

#### 2650SP

Sizes: S-2XL

- 13" length
- Flock lined
- Embossed grip on palm and fingers
- Bacteriostatic and fungistatic additives

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial



#### 28 MIL ORANGE HEAVY WEIGHT NEOPRENE/LATEX

#### 2876SP

Sizes: S-XL

- 13" length
- Flock lined
- Embossed grip on palm and fingers
- Bacteriostatic and fungistatic additives

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial



#### 28 MIL BLUE NEOPRENE OVER YELLOW LATEX

#### 2570SP

Sizes: S-XL

- 13" length
- Flock lined
- Embossed grip on palm and fingers
- Bacteriostatic and fungistatic additives

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial







**BEST SELLER** 

#### 15 MIL GREEN NITRILE

#### 2970SL

#### Sizes:

- 13" length
- Flock lined
- Embossed grip on palm and fingers

#### **RELATED**

**2970C:** Sizes: S-XL

#### **APPLICATIONS**

Agriculture | Chemical | Food Processing | Janitorial



## **DISPOSABLE GLOVES**

Liberty Safety provides a comprehensive range of disposable gloves with varying levels of protection.

Choose from a selection of protective disposable gloves from the DuraSkin® Industrial Grade and BioSkin® Examination Grade brands. Individual glove styles and materials are chosen specifically to suit the ideal needs of your work environment.



Disposable gloves are made from a variety of materials, but mainly you will find them in latex, nitrile, chloroprene, vinyl and polyethylene. Each offers slightly different benefits depending on the use and application. Taking a closer look at the attributes of each material type helps determine which one is best for your needs.

#### **DISPOSABLE GLOVE MATERIALS**

#### **NITRILE**

Nitrile gloves are manufactured using synthetic polymers and are more puncture resistant than natural rubber. They are a perfect choice for protection from a variety of chemicals. Easily donned, this product is the perfect choice for your disposable needs when latex allergens are a concern. Industrial grade nitrile gloves are made from component materials which meet requirements for food contact and handling. Our medical grade nitrile gloves comply with FDA regulations.

#### **LATEX**

Latex (Rubber) gloves are the choice for the industry when optimal barrier protection is a requirement. Latex is also considered to provide the greatest fit of any disposable glove. These gloves are available both in powdered and powder-free, medical, and industrial grade. Industrial grade latex gloves are made from component materials which meet requirements for food contact and handling. Our medical grade latex gloves comply with FDA regulations.

#### VINYL

Vinyl gloves which are derived from synthetic PVC resins offer a cost-effective alternative to latex. They are ideal for food preparation, light duty cleaning and general maintenance. Like latex and nitrile, vinyl gloves are available in powdered and powder-free versions. Industrial grade vinyl gloves are made from component materials which meet requirements for food contact and handling. Our medical grade vinyl gloves comply with FDA regulations.

#### **CHLOROPRENE**

Chloroprene (CR) gloves are a proprietary formulation of completely synthetic polymers, closely related to neoprene. This unique compound combines the barrier performance of a synthetic glove with the superior comfort found only in natural latex. Chloroprene gloves are ideal against abrasive and corrosive chemicals, grease, contaminated soil and composites, and sharp edges from plastic and other materials. These gloves are popular for food handling due to the extra comfort and exceptional tactile sensitivity. Industrial grade chloroprene gloves are made from component materials which meet requirements for food contact and handling

#### **POLYETHYLENE**

Polyethylene gloves serve as a cost-effective solution for creating a barrier between hands and product. Mainly used in food service environments and parts handling, polyethylene disposable gloves are ambidextrous as well as have an embossed grip.

Disposable gloves have come a long way and are used in just about every industry in one way or another. Complying with FDA and USDA regulations, our vast selection is suitable for every application and budget.



DuraSkin® Industrial Disposable Gloves are made to meet the specific demands of an industrial environment. Each glove in this line provides with consistent quality, comfortable fit, and excellent grip that complies with FDA and USDA regulations to suit most applications.

#### PROTECTION WITH SUPERIOR BARRIER PEFORMANCE

DuraSkin® Industrial Disposable Gloves come in six different materials. Each material provides barrier protection that holds up through various work environments.

- NITRILE
- LATEX
- VINYL
- **CHLOROPRENE**
- POLYETHYLENE
- PROPRIETARY VINYL COMPOUND

DuraSkin® Industrial Disposable Gloves protect against industrial hazards like those listed above but are not approved for patient contact or medical use. See our Examination Disposable Gloves instead.



Bioskin® Examination Disposable Gloves are made to meet the unique demands of a medical environment. Each glove in this line provides with consistent quality, comfortable grip for items like instruments, and tools.

#### **CONSISTENT QUALITY & RELIABILITY**

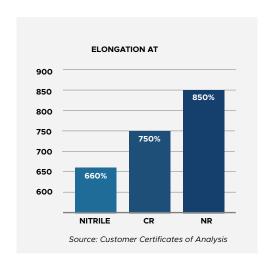
Bioskin® Examination Disposable Gloves come in five different types and all are made to be used once and then easily thrown away.

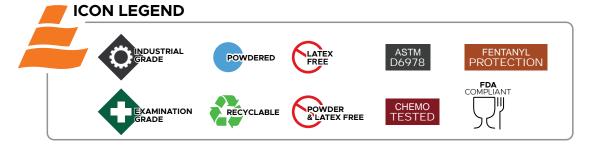
Each glove is designed with a different material to provide barrier protection that holds up through various work environments.

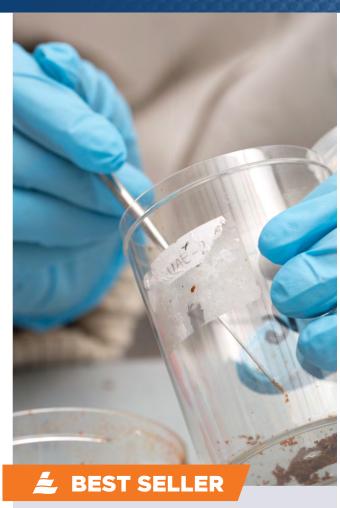
- HIGH RISK LATEX
- STANDARD LATEX
- NITRILE

Bioskin® Examination Disposable Gloves protect against common medical hazards but are also appropriate for many other applications like healthcare, lab, chemical handling, dental, janitorial, industrial and safety.

PROPERTY CATEGORY	PROPERTY TYPE	CHLOROPRENE	NITRILE	NATURAL RUBBER
Physical Properties	Modulus Elongation Tensile	0	0	
Barrier Resistance	Solvent Resistance Oil Resistance Chemo Resistance	0	000	0
Extended Wear Comfort		•	0	•
Protein Levels		•	•	•
	Conforms to C	ertification Standard	ds	
	United States Australia/New Zealand International/Japan	ASTM D-6977-04 AS / NZ 4011 ISO 11193	& ASTM D-35	78-01 ae1









#### **BLUE NITRILE DISPOSABLE GLOVES**

#### **DURASKIN®**

#### **T2010W**

Sizes: XS-2XL

- Standard grade
- 100 gloves per dispenser box

#### RELATED

T2000W: Lightly powdered, Sizes: S-XL F2010WC: Powder free, Sizes: XS-2XL F2000WC: Lightly powdered, Sizes: S-XL

**APPLICATIONS** 

Janitorial | Food Manufacturing | Laboratory





#### **BLUE NITRILE DISPOSABLE GLOVES**

#### **BIOSKIN®**

#### F2010MLC

Sizes: XS-2XL

- Standard grade
- 100 gloves per dispenser box



#### **APPLICATIONS**

Healthcare | Laboratory | Industrial | Safety





#### **ORANGE NITRILE DISPOSABLE GLOVES**

#### **DURASKIN®**

#### 2010HO

Sizes: S-2XL

- Standard grade
- 100 gloves per dispenser box



Janitorial | Food Manufacturing | Laboratory





#### WHITE NITRILE DISPOSABLE GLOVES

#### **DURASKIN®**

#### 2017W

Sizes: S-XL

- Standard grade
- 100 gloves per dispenser box



#### **APPLICATIONS**

Janitorial | Food Manufacturing | Laboratory





ACCESSORIES

**VELVET NITRILE DISPOSABLE GLOVES** 

#### **BIOSKIN®**

#### T2026ML

Sizes: XS-XL

- Standard grade
- 100 gloves per dispenser box

#### **RELATED**

2026W: Industrial grade, Sizes: S-XL

#### **APPLICATIONS**

Healthcare | Laboratory | Industrial | Safety









#### **DURASKIN®**

#### 2016W

Sizes: S-2XL

- 6 mil thickness
- 100 gloves per dispenser box

#### **APPLICATIONS**

Industrial | Automotive | Food Manufacturing





#### **BLACK NITRILE DISPOSABLE GLOVES**

#### **DURASKIN®**

#### 2016BK

Sizes: S-2XL

- 6 mil thickness
- 100 gloves per dispenser box



#### **APPLICATIONS**

Automotive | Manufacturing | Industrial | Safety









#### **BLACK NITRILE DISPOSABLE GLOVES**

#### **BIOSKIN®**

#### 2015ML

Sizes: XS-XL

- Standard grade
- ASTM D6978 complaint tested for use with chemotherapy drugs
- 100 gloves per dispenser box

#### RELATED

**2015W:** Industrial grade, Sizes: S-2XL **T2015W:** Industrial grade, Sizes: S-XL

#### **APPLICATIONS**

Healthcare | Laboratory | Industrial | Safety











**ORANGE NITRILE DISPOSABLE GLOVES** 

#### **DURASKIN®**

#### 2028HO

Sizes: M-2XL

- 8 mil thickness
- Diamond textured
- 100 gloves per dispenser box

#### **APPLICATIONS**

Automotive | Industrial | Safety | Manufacturing





#### **BLACK NITRILE DISPOSABLE GLOVES**

### **DURASKIN®**

#### 2026BK

Sizes: M-2XL

- 6 mil thickness
- Diamond textured
- 100 gloves per dispenser box

#### **APPLICATIONS**

Automotive | Industrial | Safety | Manufacturing





#### **BLUE NITRILE DISPOSABLE GLOVES**

#### **DURASKIN®**

#### 2018W

Sizes: S-2XL

- 8 mil thickness
- 50 gloves per dispenser box

#### RELATED

2008W: Lightly powdered, Sizes: S-XL

#### **APPLICATIONS**

Industrial | Automotive | Food Production





#### **BLUE NITRILE DISPOSABLE GLOVES**

## **DURASKIN®**

#### 2022W

Sizes: S-2XL

- 8 mil thickness
- 12" Length
- 50 gloves per dispenser box

#### **APPLICATIONS**

Industrial | Automotive | Food Production





ACCESSORIE

**BLUE LATEX DISPOSABLE GLOVES** 

#### **BIOSKIN®**

#### 2846HR

Sizes: S-2XL

- 14 mil thickness
- 12" Length
- 50 gloves per dispenser box

**APPLICATIONS**Healthcare | Safety







#### **BIOSKIN®**

#### 2830HR

Sizes: S-XL

- 10 mil thickness
- 12" Length
- 50 gloves per dispenser box

#### APPLICATIONS

Industrial | Automotive | Janitorial





#### WHITE LATEX DISPOSABLE GLOVES

#### **BIOSKIN®**

#### 2810ML

Sizes: S-XL

- 5 mil thickness
- 100 gloves per dispenser box











#### WHITE LATEX DISPOSABLE GLOVES

#### **DURASKIN®**

#### 2810W

Sizes: XS-XL

- 5 mil thickeness
- 100 gloves per dispenser box

#### RELATED

2800W: Lightly powdered, Sizes: S-XL

#### **APPLICATIONS**

Industrial | Automotive | Janitorial











#### **CLEAR VINYL DISPOSABLE GLOVES**

## **DURASKIN®**

#### 2910W

Sizes: S-XL

- Standard grade
- 100 gloves per dispenser box

#### RELATED

2900W: Lightly powdered, Sizes: S-2XL

#### **APPLICATIONS**

Food Manufacturing | Janitorial | General Purpose







WARNING: Cancer - www.Prop65Warnings.ca.gov

#### **BLUE PROPRIETARY VINYL DISPOSABLE GLOVES**

### **DURASKIN®**

## SVN5B

Sizes: S-XL

- 5 mil thickness
- S-L (100 gloves per dispenser box)
- XL (90 gloves per dispenser box)

#### **RELATED**

**SVN5BML:** Examination grade, Sizes: S-XL

#### **APPLICATIONS**

Food Manufacturing | Janitorial | General Purpose





#### **CLEAR VINYL DISPOSABLE GLOVES**

#### **BIOSKIN®**

#### 2910

Sizes: S-XL



■ 100 gloves per dispenser box

#### **APPLICATIONS**

Healthcare | Laboratory | Industrial | Safety









**WARNING:** Cancer - www.Prop65Warnings.ca.gov

#### **BLUE VINYL DISPOSABLE GLOVES**

#### **DURASKIN®**

#### 2916W

Sizes: S-XL

- Standard grade
- 100 gloves per dispenser box

#### **RELATED**

2906W: Lightly powdered, Sizes: S-2XL

#### **APPLICATIONS**

Food Manufacturing | Janitorial | General Purpose







**WARNING:** Cancer - www.Prop65Warnings.ca.gov

**GREEN VINYL DISPOSABLE GLOVES** 

#### **DURASKIN®**

#### 2904W

Sizes: S-2XL

- 6.5 mil thickness
- 100 gloves per dispenser box



2905W: Lightly powdered, Sizes: S-XL

#### **APPLICATIONS**

Food Manufacturing | Janitorial | General Purpose









WARNING: Cancer - www.Prop65Warnings.ca.gov

#### **GREEN CHLOROPRENE DISPOSABLE GLOVES**

## **DURASKIN®**

#### 2011W

Sizes: S-XL

- 6 mil thickness
- 100 gloves per dispenser box

#### **APPLICATIONS**

Laboratory | Industrial | Safety | Automotive





#### **CLEAR POLYETHYLENE DISPOSABLE GLOVES**

#### **DURASKIN®**

#### 2600

Sizes: S-L

- Embossed grip
- 100 gloves per dispenser box



## **APPLICATIONS**Food Manufacturing









# **BEST SELLER**



#### **GREEN CHLOROPRENE DISPOSABLE GLOVES**

#### **DURASKIN®**

#### 2012W

Sizes: S-2XL

- 8 mil thickness
- 12" Length
- 50 gloves per dispenser box

#### **APPLICATIONS**

Laboratory | Industrial | Safety | Automotive





## **MECHANIC GLOVES**

Mechanic gloves offer protection from a multitude of hazards and tasks. Because there are so many different tasks in such a large variety of industries, consolidating your needs into a couple of gloves can be a good idea.

Quality-made from soft and supple synthetic or grain leathers, these gloves offer comfort, durability, and safety that can be used in various multipurpose tasks. It's essential to consider what is necessary for the job before choosing the right one for you.



Extra Grip: Silicone honeycomb dots on palm and fingers to enhance grip.



**Durability:**Synthetic leather fingertips, thumb, and palm increases durability.



Abrasion: Enhanced abrasion G-patch palm.



Secure Fit: Anatonically designed two-piece palm eliminates material bunching for a snug fit.



Dexterity:
High-density palm
form-fits the hand for
precision work.



Extra Grip: Padded palm to enhance grip.



#### **MECHANIC GLOVES**

#### **CRIMSONWARRIOR™**

#### 0915

Sizes: S-XL

- Premium black synthetic leather G-patch palm
- Red spandex fabric
- Knuckle strap
- Hook and loop closure

#### **RELATED**

0915BK: Black spandex fabric, Sizes: XS-2XL

#### **APPLICATIONS**

Construction | Material Handling | Carpentry







#### **MECHANIC GLOVES**

#### **ONYXWARRIOR™**

#### 0915QBK

Sizes: S-2XL

- Premium black synthetic leather palm patch
- Black spandex fabric
- Hook and loop closure

#### RELATED

0915QHO: Orange spandex fabric, Sizes: S-2XL

WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov

#### APPLICATIONS

Carpentry | Machinery | Warehouse





**WARNING:** Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov

**MECHANIC GLOVES** 

#### **NEOKNIGHT**<sup>™</sup>

#### **0915HYRT**

Sizes: S-2XL

- Premium black synthetic leather G-patch palm
- Hi-vis green spandex fabric
- Reflective tape at backside and fingertips
- Knuckle strap
- Hook and loop closure

#### **APPLICATIONS**

Automotive | Construction | Warehouse





#### **MECHANIC GLOVES**

#### **BLUEKNIGHT**

#### 0916

Sizes: S-2XL

- Premium black synthetic leather palm
- Blue spandex fabric
- Knuckle strap
- Hook and loop closure

#### **APPLICATIONS**

Construction | Repair Operations | Warehouse



 $\textbf{WARNING:} \ \mathsf{Cancer} \ \& \ \mathsf{Reproductive} \ \mathsf{Harm} \ \ - \ \ \mathsf{www.Prop65Warnings.ca.gov}$ 





#### **MECHANIC GLOVES**

#### 1STKNIGHT™

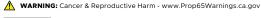
#### 0916BK

Sizes: S-XL

- Premium black synthetic leather palm
- Black spandex fabric
- Knuckle strap
- Hook and loop closure

#### **APPLICATIONS**

Automotive | Material Handling | Repair Operations









#### **MECHANIC GLOVES**

#### 1STKNIGHT™

#### 0906BK

Sizes: S-XL

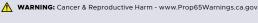
- Premium black synthetic leather palm
- Black spandex fabric
- Knuckle strap
- Shirred elastic slip on cuff

#### RELATED

0906HO: Orange spandex fabric, Sizes: M-XL

#### **APPLICATIONS**

Material Handling | Machinery | Warehouse









#### **MECHANIC GLOVES**

#### **WASP™**

#### 0961

Sizes: S-XL

- Premium gray synthetic leather palm patch
- Orange spandex fabric
- Silicone printed palm
- Shirred elastic slip on cuff

#### **APPLICATIONS**

Construction | Machinery | Material Handling









#### **GOATSKIN MECHANIC GLOVES**

#### **DEFENDER**<sup>™</sup>

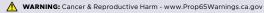
#### 0817

Sizes: S-2XL

- Premium grain goatskin
- Black spandex fabric
- Double reinforced fingertips and palm
- Hook and loop closure

#### **APPLICATIONS**

Construction | Carpentry | Machinery







#### **GOATSKIN MECHANIC GLOVES**

#### **COUGAR™**

#### 0815BK

Sizes: S-2XL

- Premium black grain goatskin
- Black spandex fabric
- Leather palm patch
- Hook and loop closure

#### **APPLICATIONS**

Machinery | Material Handling | Warehouse







#### **GOATSKIN MECHANIC GLOVES**

## **REINFORCER™**

#### 0816

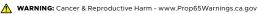
Sizes: S-XL

- Premium grain goatskin
- Blue spandex fabric
- Hook and loop closure



#### **APPLICATIONS**

Automotive | Material Handling | Warehouse







#### **GOATSKIN MECHANIC GLOVES**

#### **DEFENDER**<sup>™</sup>

#### 0818

Sizes: S-2XL

- Premium grain goatskin
- Black spandex fabric
- Split leather palm and thumb patches
- Hook and loop closure

#### **APPLICATIONS**

Carpentry | Repair Operations | Warehouse

WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov







**GOATSKIN MECHANIC GLOVES** 

#### **REINFORCER™**

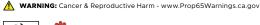
#### 0856

Sizes: S-2XL

- Premium grain goatskin
- Black spandex fabric
- 3M<sup>™</sup> Thinsulate<sup>™</sup> lined
- Hook and loop closure

#### **APPLICATIONS**

Construction | Machinery | Material Handling







#### **GOLDENKNIGHT™**

#### 0918

Sizes: S-XL

- Premium golden grain deerskin
- Black spandex fabric
- Hook and loop closure

#### RELATED

0918BK: Black goatskin, Sizes: XS-XL

#### **APPLICATIONS**

Material Handling | Machinery | Warehouse



★ WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



#### **PIGSKIN MECHANIC GLOVES**

#### **GOLDENKNIGHT**<sup>TM</sup>

#### 0914

Sizes: M-XL

- Premium grain pigskin
- Blue spandex fabric
- Hook and loop closure



#### **APPLICATIONS**

Construction | Machinery | Warehouse





WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov





#### **PIGSKIN MECHANIC GLOVES**

#### **GOLDENKNIGHT**<sup>™</sup>

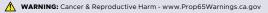
#### 0912

Sizes: M-2XL

- Premium grain pigskin
- Black spandex fabric
- Synthetic, non-slip palm, and fingertip reinforcement
- Hook and loop closure

#### **APPLICATIONS**

Carpentry | Construction | Machinery







## **IMPACT GLOVES**

# UAYBREAKER®

Designed to prevent occupational hand injuries, especially where there is a high risk of hand trauma due to collisions with machinery, heavy equipment, or similar hazards, impact gloves are personal protection equipment (PPE) workers rely on to perform their jobs with confidence.

Abrasions, cuts, tears, and punctures are possible when you are met with unexpected impact hazards. Impact gloves require reinforcement across the back of the hand. Many styles use TPR (thermoplastic rubber) to create a tread design for added protection.

#### ANSI/ISEA 138: 2019 Impact Chart

LEVEL	FORCE	LBS	
ANSI/ISEA 138	≤9 kN	≤2000 lbs	
ANSI/ISEA 138	<u>≤</u> 6.5 kN	≤1349 lbs	
ANSI/ISEA 138	<u>≤</u> 4 kN	<u>≤</u> 900 lbs	

Now ANSI/ISEA 138 certified, choose DayBreaker® hand protection for multi-purpose, comfort-flex gloves.



#### **BLACK SANDY FOAM NITRILE COATED**

#### **CHARGER II®**

#### 0943

Sizes: M-2XL

- 13 gauge salt and pepper engineered yarn shell
- Black sandy foam nitrile coated on palm and fingers
- TPR at back of hand and fingers
- Thumb crotch reinforcement
- Kevlar® thread reinforced thumb crotch

#### **APPLICATIONS**

Auto Repair | Construction | Demolition | Fabrication











#### **BLACK SANDY NITRILE COATED**

### **CHARGER FLX™**

#### F4955

Sizes: S-2XL

- 18 gauge dark blue engineered yarn shell
- Black double dipped sandy nitrile coated on palm and fingers
- TPR at back of hand and fingers
- NBR reinforced thumb crotch

#### **RELATED**

F4953: Single dipped coating, Sizes: M-2XL

#### **APPLICATIONS**

Oil and Gas | Industrial Manufacturing | Construction











**WARNING:** Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov

**BLACK SANDY NITRILE COATED** 

#### **BLITZ**<sup>™</sup>

#### 0940

Sizes: M-2XL

- 13 gauge hi-vis green polyester shell
- Black sandy nitrile coated on palm and fingers
- TPR at back of hand and fingers
- Reinforced thumb crotch

#### **APPLICATIONS**

Auto Repair | Construction | Demolition | Fabrication











WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov

#### **GOATSKIN LEATHER**

#### **INTEGRATOR®**

#### 0935

Sizes: M-2XL

- Shirred elastic back
- Keystone thumb
- TPR at back of hand and fingers

#### **APPLICATIONS**

Construction | Machine Operations | Utility Work











MARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov

#### SYNTHETIC LEATHER

#### STRIKER V™

#### 0920

Sizes: S-2XL

- Hi-vis green nylon spandex shell
- Synthetic leather non-slip padded palm and fingertips
- TPR at back of hand and fingers
- Reinforced thumb crotch

#### **RELATED**

**0950:** With 3M<sup>™</sup> Thinsulate<sup>™</sup>/ RAOTEX<sup>™</sup> waterproof lining, Sizes: S-2XL

#### **APPLICATIONS**

Construction | Machine Operations | Utility Work











★ WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



#### **COTTON CORD PALM**

#### **XSCEPTER** ®

#### 0928

Sizes: M-2XL

- Hi-vis green nylon and spandex shell with cotton
- TPR at back of hand and fingers
- Reinforced ARMORTEX® thumb crotch

#### RFI ATFD

**0958:** With 3M<sup>™</sup> Thinsulate<sup>™</sup> lined, Sizes: M-2XL

#### **APPLICATIONS**

Construction | Material Handling | Oil | Petrochemical



WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



### 20 OZ. COTTON/POLYESTER CORD **DOUBLE PALM**

#### **G4518TPR**

Sizes: MENS

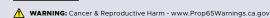
- 20 oz hi-vis green cotton and polyester corduroy
- Nap in double palm and acrylic lining
- TPR at back of hand and fingers

#### **RELATED**

F4518TPR: 18oz., Orange, Sizes: Mens

#### **APPLICATIONS**

Construction | Hydraulic Fracturing | Oil | Gas Drilling



## **LEATHER GLOVES**

Liberty Safety has been providing quality leather-made gloves for decades, and it continues to be one of our top sellers. Because leather is such a durable and reliable material, you can count on us to provide consistent protection.

Our leather gloves are known to protect workers across a multitude of industries and for many uses. We offer a large selection of leather work glove styles and have gained a reputation for knowing which leather material is best for any given application.



#### Why use leather gloves?

The natural animal fibers and the aging involved in the tanning process make for a tough but flexible glove. It is also why the fit improves over time as it "learns" the contours of your hand. That and the fact they protect your hands when used for a huge variety of jobs make leather gloves a natural choice for most workers.

#### What type of leather is used?

Leather hand protection is offered in cowhide, goat, deerskin, or pig leathers. Even though cowhide is the most popular in the industry, pigskin has higher abrasion resistance and excellent air circulation qualities and retains its flexibility when wet. Goatskin offers resistance to abrasion and high tensile strength. The high lanolin content means it is exceptionally soft too. Deerskin offers agility with strength and is especially soft as well.

#### **LEATHER STYLES OFFERED**

- DRIVER GLOVES incorporate slip-on configuration for ease of donning and are available with a straight, wing, or keystone thumb.
- LEATHER PALM GLOVES range in full-featured safety cuff, knit wrist, or gauntlet cuff for more protection.
- **DOUBLE PALM GLOVES** feature a reinforced palm for added protection and longer wear. Kevlar<sup>®</sup> sewn thread provides heat resistance protection a more durable seam to prevent wear-through. Another popular style option is our canvas back leather palm gloves that adds extra air circulation.
- **INSULATED GLOVES** have jersey piled, or 3M<sup>™</sup> Thinsulate<sup>™</sup> which can be used if the job requires insulation for additional protection from cold weather.
- **WELDING GLOVES** are made from versatile premium leathers where dexterity is needed to meet your working demands.

#### What industries use and/or require leather gloves?

Work that exposes your hands to higher temperatures that can burn often requires a type of leather glove. For example, leather gloves are often used when welding because leather protects from sparks and moderate heat.

The thickness and durability of leather minimize the possibility of getting cuts and abrasions when that may occur. For even more protection, Liberty Safety also offers mechanic gloves and impact-resistant gloves with leather properties.

You'll find leather gloves used for the following:

- WELDING
- OUTDOOR WORK
- AUTOMOTIVE WORK
- MANUFACTURING
- INDUSTRIAL
- FARMING
- CONSTRUCTION
- DRIVING



#### **LEATHER TYPE**



**COWHIDE** - Most popular, cost-effective, abrasion-resistant, durable, and heat resistant



PIGSKIN - Soft, flexible, does not harden, breathable

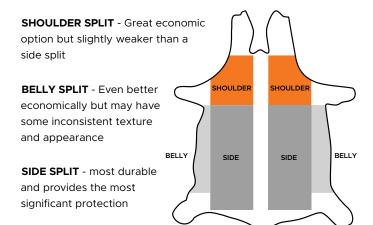


**DEERSKIN** - Very soft, supple, comfortable, and lightweight



**GOATSKIN** - High tensile strength, abrasion resistant, supple, and flexible

#### TYPES OF CUTS FOR COWHIDE



#### **CUFF CONSTRUCTION**







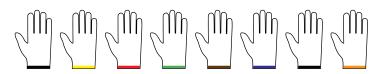
2 1/2 " Cuff

4 1/2 " Cuff

Knit Wrist

- 2½" **SAFETY CUFF**: A very common cuff design that protects the wrist area. Slides on and off easily.
- 4½" GAUNTLET CUFF: This more extended cuff offers the same protection as a Safety Cuff, with increased forearm security.
- KNIT CUFF: A design to hold the glove in place and prevent debris from getting in.

#### SIZING COLOR CHART - COLOR CODED CUFFS



Color coded cuffs help ensure proper sizing evertthing - improve comfort and compliance.

■ BLACK: XX-Small

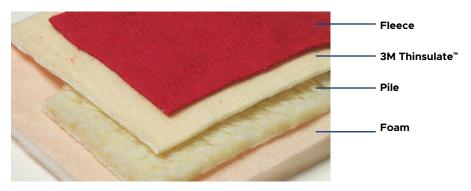
■ YELLOW: X-Small

■ **RED**: Small

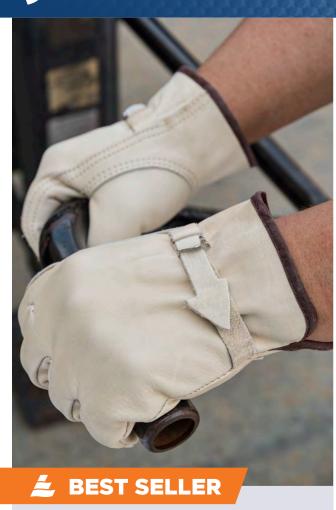
■ GREEN: Medium

- **BROWN**: Large
- **BLUE**: X-Large
- **BLACK**: 2X-Large
- ORANGE: 3X-Large

#### LINING OPTIONS



- FLEECE: A glove liner that is the most used. It's made of napped brushed cotton.
- 3M<sup>TM</sup> THINSULATE<sup>TM</sup>: Very warn and thin, it's one of the most popular on the market. 3M<sup>TM</sup> Thinsulate<sup>TM</sup> has around 1.5 times more warmth than down feather lining and absorbs less than 1% of its weight in the water, allowing it to retain its insulating ability even in damp conditions.
- PILE: This synthetic wool is known for its lower cost and realistic similarity to wool.
- **FOAM**: With the comfort of a fleece layer and an additional two layers of polyester and polyurethane foam, this lining offers the most value for warmth insulation.





LEATHER DRIVER WITH COLOR CODED **FABRIC HEMMED CUFF** 

#### 6114

Sizes: S-XL

- Pull strap
- Shirred elastic back
- Keystone thumb

#### RELATED

6124: Quality grain, Sizes: S-XL

6126: Quality grain, ball & tape fastener, Sizes: S-XL

#### **APPLICATIONS**

Agriculture | Masonry | Mining | Utility Work

**WARNING:** Cancer & Reproductive Harm - www.P65warnings.ca.gov.com



PREMIUM

LEATHER DRIVER WITH COLOR CODED

**FABRIC HEMMED CUFF** 

#### 6002

Sizes: S-XL

- Shirred elastic back
- Wing thumb

**RELATED** 

6022: Quality grain, Sizes: S-XL

#### **APPLICATIONS**

Construction | Mining | Machine Operation | Transportation





#### LEATHER DRIVER WITH ROLLED CUFF

#### 6118

Sizes: XS-2XL

- Shirred elastic back
- Keystone thumb

6108: Premium grain, Sizes: XS-2XL

#### **APPLICATIONS**

Masonry | Machine Operation | Transportation | Utility Work



★ WARNING: Cancer & Reproductive Harm - www.P65warnings.ca.gov.com



#### LEATHER DRIVER WITH ROLLED CUFF

#### 6117

Sizes: XS-XL

- Shirred elastic back
- Color coded fabric hemmed cuff

#### **RELATED**

6127: Quality grain, Sizes: XXS-3XL 6137: Standard grain, Sizes: XS-5XL **6147:** Economy grain, Sizes: S-3XL

**APPLICATIONS** 

Agriculture | Construction | Machine Operation | Utility Work

**WARNING:** Cancer & Reproductive Harm - www.P65warnings.ca.gov.com



LEATHER DRIVER WITH COLOR CODED

**FABRIC HEMMED CUFF** 

#### 6130

Sizes: S-XL

- Shirred elastic back
- Wing thumb

**RELATED** 

6140: Economy grain, Sizes: S-XL

#### **APPLICATIONS**

Heavy Equipment Handling | Landscaping | Transportation



WARNING: Cancer & Reproductive Harm - www.P65warnings.ca.gov.com



LEATHER DRIVER WITH COLOR CODED FABRIC HEMMED CUFF

### H6137F

Sizes: S-2XL

- Orange fingertips
- Shirred elastic back
- Keystone thumb

#### **APPLICATIONS**

Agriculture | Carpentry | Farming | Landscaping







LEATHER DRIVER WITH COLOR CODED

**FABRIC HEMMED CUFF** 

#### 16137F

Sizes: S-3XL

- "WATCH YOUR HANDS" logo
- Orange fingertips
- Shirred elastic back
- Keystone thumb

RELATED

16147F: Economy grain, Sizes: S-2XL

16147G: Economy grain, hi-vis green fingertips, Sizes: S-2XL

APPLICATIONS

Agriculture | Carpentry | Farming | Landscaping









LEATHER DOUBLE PALM DRIVER WITH ROLLED CUFF

#### 6504

Sizes: XS-2XL

- Pull strap
- Kevlar® thread sewn
- Reinforced palm
- Keystone thumb

#### **APPLICATIONS**

Aviation | Carpentry | Farming | Landscaping

**WARNING:** Cancer & Reproductive Harm - www.P65warnings.ca.gov.com



PREMIUM GRAIN



LEATHER DRIVER WITH ROLLED CUFF

#### 6004

Sizes: XS-XL

- Pull strap
- Keystone thumb

#### **APPLICATIONS**

Carpentry | Farming | Landscaping | Transportation

WARNING: Cancer & Reproductive Harm - www.P65warnings.ca.gov.com





**CUT RESISTANT LEATHER DRIVER WITH COLOR CODED FABRIC HEMMED CUFF** 

#### INTEGRATOR™

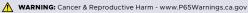
#### 6897

Sizes: M-2XL

- Para aramid lining
- Shirred elastic back
- Keystone thumb

#### **APPLICATIONS**

Construction | Machine Operation | Utility Work











**CUT RESISTANT LEATHER DRIVER WITH COLOR CODED FABRIC HEMMED CUFF** 

#### 6892

Sizes: S-2XL

- Twaron® Steel core lining
- Shirred elastic back
- Wing thumb

#### **APPLICATIONS**

Agriculture | Carpentry | Farming | Landscaping

★ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov







#### LEATHER DRIVER WITH COLOR CODED **FABRIC HEMMED CUFF**

#### 6817

Sizes: XXS-2XL

- Shirred elastic back
- Keystone thumb

#### **RELATED**

6827: Quality grain, Sizes: XS-2XL

6820: Quality grain, straight thumb, Sizes: S-2XL

6847: Standard grain, Sizes: S-2XL

#### **APPLICATIONS**

Auto Repair | Construction | Demolition | Fabrication

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





3M™THINSULATE™ LINED LEATHER DRIVER WITH **COLOR CODED FABRIC HEMMED CUFF** 

#### 6857

Sizes: S-XL

- Shirred elastic back
- Keystone thumb

#### **APPLICATIONS**

Construction | Machine Operation | Utility Work

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





## WHITE FLEECE LINED LEATHER DRIVER WITH

## **COLOR CODED FABRIC HEMMED CUFF**

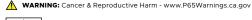
#### 6837

Sizes: XS-2XL

- Shirred elastic back
- Keystone thumb

#### **APPLICATIONS**

Carpentry | Foundry | Masonry | Mining









LEATHER DRIVER WITH ROLLED CUFF

#### 6827BK

Sizes: S-2XL

- Shirred elastic back
- Keystone thumb



6827: Quality grain, Sizes: S-2XL

#### **APPLICATIONS**

Construction | Machine Operation | Utility Work







LEATHER DRIVER WITH COLOR CODED

FABRIC HEMMED CUFF

#### 7017

Sizes: XS-2XL

- Shirred elastic back
- Keystone thumb

#### **APPLICATIONS**

Construction | Machine Operation | Utility Work



**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





LEATHER DRIVER WITH COLOR CODED

**FABRIC HEMMED CUFF** 

#### 7017FQ

Sizes: S-2XL

- "WATCH YOUR HANDS" logo
- Orange fingertips
- Shirred elastic back
- Keystone thumb

#### **APPLICATIONS**

Agriculture | Carpentry | Farming | Landscaping

▲ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov











LEATHER DRIVER WITH ROLLED CUFF

#### 7007

Sizes: XS-2XL

- Shirred elastic back
- Keystone thumb

#### RELATED

7008: Premium grain Kevlar® thread sewn, Sizes: S-XL 7017: Standard grain, color coded fabric, Sizes: XS-2XL

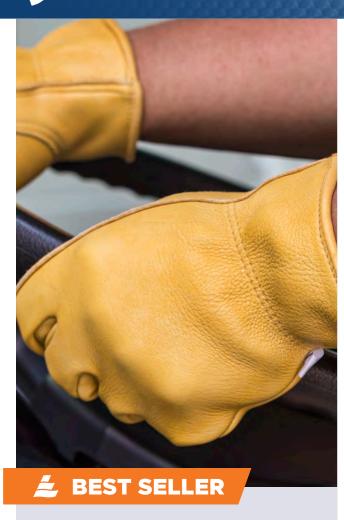
#### APPLICATIONS

Aviation | Carpentry | Farming | Landscaping

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov









LEATHER DRIVER WITH ROLLED CUFF

#### 6918

Sizes: XXS-2XL

- Shirred elastic back
- Keystone thumb

#### **APPLICATIONS**

Heavy Equipment Handling | Landscaping | Transportation

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### LEATHER DRIVER WITH ROLLED CUFF

#### 6918BK

Sizes: XXS-2XL

- Shirred elastic back
- Keystone thumb



#### **APPLICATIONS**

Farming | Heavy Equipment Handling | Transportation







# HEAVY DUTY LEATHER DRIVER WITH ROLLED CUFF

#### 6908

Sizes: XS-2XL

- Shirred elastic back
- Keystone thumb

#### **RELATED**

6988: Premium grain, double palm, Sizes: XS-2XL

#### **APPLICATIONS**

Heavy Equipment Handling | Landscaping | Transportation

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





## 3M™ THINSULATE™ LINED LEATHER DRIVER

WITH ROLLED CUFF

#### 6958BK

Sizes: XS-2XL

- Shirred elastic back
- Keystone thumb

#### **RELATED**

6958: Gold premium leather, Sizes: XS-2XL

#### **APPLICATIONS**

Construction | Machine Operation | Utility Work

▲ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





SPLIT BACK LEATHER DRIVER WITH COLOR CODED FABRIC HEMMED CUFF

#### 6427R

Sizes: S-XL

- Shirred elastic back
- Keystone thumb

#### **RELATED**

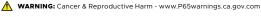
6427: Gray colored back, Sizes: S-2XL

**I6427K:** Gray colored back Kevlar® thread sewn, Sizes: S-XL

6487: Reinforced patch palm, Sizes: S-2XL

#### **APPLICATIONS**

Farming | Heavy Equipment | Handling | Transportation





#### LEATHER DRIVER WITH ROLLED CUFF

#### 8438

Sizes: S-XL

- Shirred elastic back
- Keystone thumb



#### APPLICATIONS

Carpentry | Farming | Landscaping | Transportation

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





LEATHER DRIVER WITH COLOR CODED

**FABRIC HEMMED CUFF** 

#### 8247

Sizes: S-XL

- Shirred elastic back
- Keystone thumb



Agriculture | Carpentry | Farming | Landscaping











LEATHER DRIVER WITH COLOR CODED FABRIC HEMMED CUFF

#### 8440

Sizes: S-XL

- Shirred elastic back
- Straight thumb

#### RELATED

**8447:** Keystone thumb, Sizes: S-XL

8446: Keystone thumb, Ball & tape fastener, Sizes: S-XL

#### **APPLICATIONS**

Aviation | Carpentry | Farming | Landscaping

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov







FULL FEATURE LEATHER WITH 2 1/2" **RUBBERIZED SAFETY CUFF** 

3230

Sizes: S-XL

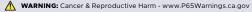
- Knuckle strap
- Gunn pattern

RFI ATFD

3240: Side split, Sizes: MENS

**APPLICATIONS** 

Automotive | Agriculture | Carpentry | Operations





**GREEN FABRIC FULL FEATURE LEATHER WITH** 

2 1/2" RUBBERIZED SAFETY CUFF

#### 3260QG

Sizes: MENS

- Knuckle strap
- Gunn pattern

**RELATED** 

3260SPG: Standard shoulder, Sizes: MENS 3260SQG: Value shoulder, Sizes: MENS

**APPLICATIONS** 

Construction | Demolition | Janitorial | Warehouse

▲ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





FULL FEATURE LEATHER WITH 2 1/2" RUBBERIZED

**SAFETY CUFF** 

#### 3250A

Sizes: S-XL

- Knuckle strap
- Gunn pattern

**RELATED** 

3260Q: Regular shoulder, Sizes: S-2XL 3260SQ: Value shoulder, Sizes: S-XL

**APPLICATIONS** 

Construction | Material Handling | General Maintenance



**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





**FULL FEATURE LEATHER WITH** 

4 3/4" GAUNTLET CUFF

#### 3254A

Sizes: MENS

- Knuckle strap
- Gunn pattern

**RELATED** 

3264Q: Regular shoulder, Sizes: S-XL 3264SQ: Value shoulder, Sizes: MENS

3274: Regular shoulder, plasticized cuff, Sizes: MENS

**APPLICATIONS** 

Farming | Landscaping | Material Handling | Sanitation ★ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





FULL FEATURE LEATHER WITH 2 1/2" STARCHED **SAFETY CUFF** 

#### 3270Q

Sizes: S & L

- Knuckle strap
- Gunn pattern

**RELATED** 

3270SP: Value shoulder, Blue and red fabric back, Sizes: MENS

#### **APPLICATIONS**

Construction | Farming | Landscaping | Material Handling







FULL FEATURE LEATHER WITH 2 1/2" STARCHED

**SAFETY CUFF** 

#### 3280Q

Sizes: MENS

- Knuckle strap
- Reinforced palm patch
- Gunn pattern

RELATED

3287A: Regular select shoulder, Sizes: MENS

#### **APPLICATIONS**

Demolition | Heavy Equipment Operator | Lumber Warehouse



WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





**FULL FEATURE LEATHER WITH 3/4 BACK AND** 

2 1/2" RUBBERIZED SAFETY CUFF

#### 3330

Sizes: MENS

■ Gunn pattern

#### **RELATED**

3334: 41/2" gauntlet cuff, Sizes: MENS

3350: Premium select shoulder, 21/2" safety cuff, Sizes: MENS 3354: Premium select shoulder, 41/2" gauntlet cuff, Sizes: MENS

#### **APPLICATIONS**

Agriculture | Forestry | Heavy Equipment Operatory | Sanitation

★ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov







**FULL FEATURE LEATHER WITH 2 1/2" RUBBERIZED SAFETY CUFF** 

#### 3450

Sizes: MENS ■ Gunn pattern

#### RELATED

3454: 41/2" gauntlet cuff, Sizes: MENS

3460Q: Regular shoulder, 21/2" safety cuff, Sizes: MENS 3354: Regular shoulder, 41/2" gauntlet cuff, Sizes: MENS

#### **APPLICATIONS**

Automotive | Farming | Material Handling | Warehouser WARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov







FULL FEATURE LEATHER WITH 2 1/2" CANVAS **SAFETY CUFF** 

#### 3287A

Sizes: MENS

- Knuckle strap
- Reinforced palm patch
- Gunn pattern

#### **APPLICATIONS**

Carpentry | Farming | Landscaping | Transportation

★ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov







#### **DOUBLE PALM LEATHER WITH 2 1/2" RUBBERIZED SAFETY CUFF**

#### 3551

Sizes: S & L

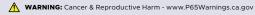
- Knuckle strap
- Gunn pattern

#### **RELATED**

3551Q: Select shoulder, Sizes: MENS 3551SP: Regular shoulder, Sizes: MENS

#### **APPLICATIONS**

Carpentry | Farming | Landscaping | Transportation









#### **DOUBLE PALM LEATHER WITH 2 1/2"** RUBBERIZED SAFETY CUFF

#### 3581

Sizes: MENS

- Knuckle strap
- Gunn pattern

#### **PELATED**

3581Q: Select shoulder, Sizes: S-XL 3581SP: Standard shoulder, Sizes: S-2XL

3581QPE: Select shoulder, plasticized cuff, Sizes: S-2XL 3584Q: Select shoulder, plasticized cuff, Sizes: S-2XL

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov

#### **APPLICATIONS**

Heavy Equipment Handling | Janitorial | Sanitation







#### **DOUBLE PALM LEATHER WITH 2 1/2" RUBBERIZED SAFETY CUFF**

#### 3550

Sizes: MENS

- Knuckle strap
- Gunn pattern

#### RELATED

3550Q: Select shoulder, Sizes: MENS

3580Q: Select shoulder, jointed leather double palm, Sizes: MENS

#### **APPLICATIONS**

Agriculture | Construction | Demolition | Sanitation





#### **DOUBLE PALM LEATHER WITH KNIT WRIST**

#### 3866

Sizes: MENS

- Knuckle strap
- Gunn pattern

3866Q: Regular shoulder, Sizes: MENS 3866QSP: Standard shoulder, Sizes: MENS

#### **APPLICATIONS**

Carpentry | Construction | Farming | Landscaping

★ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### **DOUBLE PALM LEATHER WITH KNIT WRIST**

#### 3863

Sizes: S & L

Clute pattern



#### **RELATED**

3873: Standard shoulder, Sizes: S & L

#### **APPLICATIONS**

 ${\sf Carpentry} \mid {\sf Construction} \mid {\sf Farming} \mid {\sf Landscaping}$ 

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov







**LEATHER PALM WITH 2 1/2" RUBBERIZED SAFETY CUFF** 

#### 0225

Sizes: S-XL

- Reflective knuckle strap
- Shirred elastic back
- Gunn pattern
- Orange polyester back

#### **APPLICATIONS**

Construction | Roadwork | Transportation



PREMIUM GRAIN

**LEATHER PALM WITH 2 1/2" RUBBERIZED** 

#### 0235

Sizes: S & L

Knuckle strap

**SAFETY CUFF** 

■ Gunn pattern

#### **APPLICATIONS**

Construction | Roadwork | Transportation



WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





**LEATHER PALM WITH 2 1/2" PLASTICIZED SAFETY CUFF** 

#### 3180

Sizes: MENS

- Knuckle strap
- Gunn pattern

#### **APPLICATIONS**

Automotive | Material Handling | Demolition | Warehouse



**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov







**LEATHER PALM WITH 2 1/2" RUBBERIZED SAFETY CUFF** 

#### 3110

Sizes: S-XL

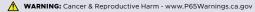
- Knuckle strap
- Gunn pattern

#### **RELATED**

3120: Quality grain, 21/2" safety cuff, Sizes: S-2XL

#### **APPLICATIONS**

Agriculture | Construction | Forestry | Landscaping







**LEATHER PALM WITH 4 1/2" GAUNTLET CUFF** 

#### 3114

Sizes: M-XL

- Knuckle strap
- Gunn pattern

#### **RELATED**

3124: Quality leather, Sizes S-XL

#### **APPLICATIONS**

Agriculture | Construction | Forestry | Landscaping

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### **LEATHER PALM WITH 2 1/2" RUBBERIZED SAFETY CUFF**

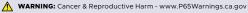
#### 3231

Sizes: MENS

- Reflective knuckle strap
- Gunn pattern

**APPLICATIONS** 

Construction | Roadwork | Transportation









#### **LEATHER PALM WITH 2 1/2" PLASTICIZED SAFETY CUFF**

#### 3267

Sizes: L & XL

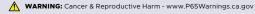
- Knuckle strap
- Gunn pattern
- White canvas back

3257: Premium select shoulder, Sizes: MENS

3277: Regular shoulder, 21/2" canvas safety cuff, Sizes: MENS

#### **APPLICATIONS**

Agriculture | Farming | General Maintenance | Woodworking







#### **LEATHER PALM WITH 2 1/2" PLASTICIZED**

#### **SAFETY CUFF**

#### 3265

Sizes: S-XL

- Knuckle strap
- Gunn pattern

#### **RELATED**

3265HO: Select shoulder, 21/2" gauntlet cuff, Sizes: MENS 3269: Select shoulder, 41/2" gauntlet cuff, Sizes: MENS

#### **APPLICATIONS**

Construction | Manufacturing | Landscaping | Masonry



## **LEATHER PALM WITH 2 1/2" RUBBERIZED**

**SAFETY CUFF** 

#### 3255

Sizes: MENS

- Knuckle strap
- Gunn pattern

#### **APPLICATIONS**

Heavy Equipment Operator | Farming | Material Handling



**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### **LEATHER PALM WITH 2 1/2" LEATHER CUFF**

#### 3261

Sizes: MENS

- Knuckle strap
- Gunn pattern
- White canvas back



#### **APPLICATIONS**

Construction | Demolition | Farming | Warehouse







**FULLY QUILTED DOUBLE LEATHER PALM AND FINGERS** 

WITH 2 ¾" RUBBERIZED SAFETY CUFF

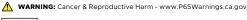
#### 3511

Sizes: M-XL

- Kevlar® thread sewn
- White heavy canvas back
- Gunn pattern
- Wing thumb

#### **APPLICATIONS**

Demolition | Farming | Forestry | Warehouse





FULL FEATURE LEATHER PALM WITH 2  $^3\!4$ "

**RUBBERIZED SAFETY CUFF** 

#### 3410

Sizes: MENS



- Gunn pattern
- Wing thumb

#### **RELATED**

3310: 3/4 Cowhide leather back, Sizes: MENS

#### **APPLICATIONS**

 ${\bf Automotive \mid Demolition \mid Material \ Handling \mid Warehouse}$ 



WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





FULL FEATURE DOUBLE LEATHER PALM AND FINGERS WITH 2 ½" RUBBERIZED SAFETY CUFF

#### 3515

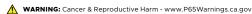
Sizes: MENS

- Knuckle strap
- Kevlar® thread sewn
- White heavy canvas backwith
- Gunn pattern
- Wing thumb

**RELATED** 

**3514:** Premium side split,  $4\frac{1}{2}$ " gauntlet cuff, Sizes: MENS **APPLICATIONS** 

Construction | Farming | Lumber | Heavy Equipment Operator









FULL FEATURE LEATHER PALM WITH 2 ½" RUBBERIZED SAFETY CUFF

#### 3210

Sizes: S-XL

- Kevlar® thread sewn
- White heavy canvas back
- Gunn pattern
- Wing thumb

#### **RELATED**

**3220:** Side split full feature leather, Sizes: S-XL **3214:**  $41/_2$  rubberized gauntlet cuff, Sizes: MENS **3210K:**  $2\frac{3}{4}$  rubberized gauntlet cuff, Sizes: MENS

#### **APPLICATIONS**

Construction | Demolition | Farming | Forestry

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





FULL FEATURE LEATHER PALM WITH 2 3/4" RUBBERIZED SAFETY CUFF

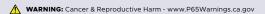
#### 3510

Sizes: S-XL

- Kevlar® thread sewn
- Gunn pattern
- Wing thumb

#### **APPLICATIONS**

Construction | Heavy Equipment Operatory | Warehouse









# 3M™ THINSULATE™ LINED LEATHER DRIVER WITH ROLLED CUFF

#### 6518

Sizes: S-2XL

- Shirred elastic back
- Keystone thumb

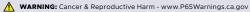
#### **RELATED**

 $\bf 6227$  - Quality grain, red fleece lined, color coded fabric, hemmed cuff, Sizes: S-2XL

**6317** - Premium grain, pile lined, color coded fabric, hemmed cuff, Sizes: S-2XL

#### **APPLICATIONS**

Agriculture | Masonry | Mining | Transportation









# 3M™ THINSULATE™ LINED LEATHER DRIVER WITH ROLLED CUFF

#### 7507

Sizes: XL

- Shirred for elastic back
- Keystone thumb

#### **RELATED**

**7207:** Premium grain, red fleece lined, rolled cuff, Sizes: S-XL

**7217:** Standard grain, red fleece lined, color coded fabric, hemmed cuff, Sizes: S-2XL

#### **APPLICATIONS**

Carpentry | Construction | Heavy Equipment Operator

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





## 3M™THINSULATE™LINED LEATHER DRIVER

#### WITH ROLLED CUFF

#### 8544

Sizes: S-2XL

- Shirred elastic back
- Keystone thumb



Construction | Heavy Equipment Operatory | Mining

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### PILED LINED LEATHER DRIVER WITH ROLLED CUFF

#### 8354

Sizes: S-2XL



■ Keystone thumb

#### RELATED

8355: Mittens, Sizes: L-2XL

#### **APPLICATIONS**

Construction | Farming | Light Duty Welding | Machine Operations

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### RED FLEECE LINED LEATHER DRIVER WITH

#### **ROLLED CUFF**

#### 8454

Sizes: S-2XL

- Shirred elastic back
- Rolled cuff
- Straight thumb

#### **APPLICATIONS**

Agriculture | Construction | Masonry | Transportation

MARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov







PILE LINED LEATHER PALM WITH 2 1/2"

**RUBBERIZED SAFETY CUFF** 

#### 3655

Sizes: L-2XL

- Knuckle strap
- Yellow heavy canvas back
- Gunn pattern
- Wing thumb

#### **APPLICATIONS**

Construction | Material Handling | General Maintenance

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





**RED JERSEY FOAM LINED LEATHER PALM AND** WITH 2 1/2" RUBBERIZED SAFETY CUFF

#### 3650

Sizes: MENS

- Knuckle strap
- Gunn pattern

#### **APPLICATIONS**

Carpentry | Foundry | Masonry | Mining

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





WATERPROOF THERMAL LINED LEATHER PALM

WITH 2 1/2" RUBBERIZED SAFETY CUFF

#### 3656

Sizes: L & XL

- Knuckle strap
- Yellow heavy canvas back
- Gunn pattern

3653: Safety cuff and knit wrist, Sizes: L & XL

#### **APPLICATIONS**

Construction | Material Handling | General Maintenance









3M™THINSULATE™LINED LEATHER DRIVER WITH ROLLED CUFF

#### 6958

Sizes: XS-XL

- Shirred elastic back
- Keystone thumb

6858BK: Black leather, Sizes: XS-XL

#### **APPLICATIONS**

Construction | Machine Operation | Utility Work

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov







3M™THINSULATE™LINED LEATHER PALM WITH KNIT WRIST

#### 0233

Sizes: L & XL

- Knuckle strap
- Gunn pattern

#### RELATED

**0236:** Sizes: L-XL **0233HO:** Sizes: S-2XL

**0233HG:** Sizes: S-2XL 0238HG: Sizes: S-2XL

0238HGWP: Sizes: S-2XL 0238HO: Sizes: L-XL 0238HOWP:, Sizes: S-2XL

## **APPLICATIONS**

Foundry | Heavy Equipment Operatory | Masonry

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov







**FULL SOCK FOAM LINED LEATHER WELDER** 

#### 7344

Sizes: S, L & XL

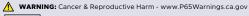
- 14" length
- Kevlar® thread sewn
- Gunn pattern
- Reinforced palm
- Wing thumb

#### RELATED

**7354:** Premium select, shoulder leather, Sizes: S-XL **7374:** Side split, shoulder leather; Sizes: S-XL

#### **APPLICATIONS**

Construction | Infrastructure | Foundry | Industrial Work







#### **FULL SOCK LINED FOUNDRY LEATHER WELDER**

WITH 4 1/2" GAUNTLET CUFF

#### 7684

Sizes: MENS

- Kevlar® thread sewn
- Clute pattern
- Wing thumb with reinforced strap



Automotive | Construction | Steel Work | Shipyard

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### **FULL SOCK LINED LEATHER WELDER**

#### 7644

Sizes: MENS

- 14" length
- Kevlar® thread sewn
- Gunn pattern
- Straight thumb

#### APPLICATIONS

Construction | Infrastructure | Foundry | Industrial Work

★ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov





#### **FULL SOCK LINED LEATHER WELDER**

#### E7270

Sizes: MENS

- 14" length
- Cotton thread sewn
- Gunn pattern
- Wing thumb

#### **RELATED**

**7250:** Premium select shoulder leather, full sock lined, Kevlar®thread sewn, Sizes: MENS

7270: Regular shoulder leather, Sizes: MENS

#### **APPLICATIONS**

Construction | Infrastructure | Foundry | Industrial Work









#### **FULL SOCK LINED LEATHER WELDER**

#### 7650A

Sizes: MENS

- 14" length
- Kevlar® thread sewn
- Gunn pattern
- Wing thumb

#### **RELATED**

7670: Standard shoulder leather, cotton thread sewn, Sizes: MENS 7654: Straight thumb with reinforced thumb strap, Sizes: MENS

#### **APPLICATIONS**

Construction | Infrastructure | Foundry | Industrial Work

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov







#### 7804A

Sizes: S-2XL

- Kevlar® thread sewn
- Gunn pattern
- Straight thumb

#### **RELATED**

7800: Seamless forefinger, 2" cuff, wing thumb, Sizes: S-XL

WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov

7804: 2" cuff, Sizes: S-XL

#### **APPLICATIONS**

Construction | Steel Work | Industrial Work





#### **TIG LEATHER WELDER WITH 2" LEATHER CUFF**

#### 7810

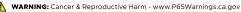
Sizes: S-2XL

- Clute pattern
- Straight thumb



#### **APPLICATIONS**

Aerospace | Automotive | Construction









#### **TIG LEATHER WELDER WITH 4" GAUNTLET CUFF**

#### 7814

Sizes: S-XL

- Kevlar® thread sewn
- Gunn pattern
- Wing Thumb

#### **APPLICATIONS**

Aerospace | Automotive | Construction



PREMIUM



#### MIG LEATHER WELDER WITH 4" SPLIT **LEATHER CUFF**

#### 7114

Sizes: M-XL

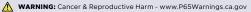
- Kevlar® thread sewn
- Gunn pattern
- Wing thumb

#### RELATED

7124: Quality grain, Sizes: S-XL

#### **APPLICATIONS**

Automotive | Construction | Steel Work | Shipyard







# **TEXTILE & STRING KNIT GLOVES**

Textile and string knit gloves are breathable alternative work gloves. Often referred to as light-duty work gloves for low-hazard situations where hand protection is needed and offers plenty of benefits that are economical and some gloves have heat protection properties.

Turning to a trusted name like Liberty Safety is a smart choice to ensure the quality of your work gloves remains a priority no matter what material they are made of.



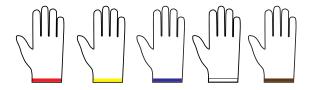
Suitable for general hand protection in a variety of environments, textile and string gloves offer comfort, breathability, and provide a range of hand protection. Woven cotton, blended fabrics, nylon, and jersey materials are all represented in this category for hand as well as product protection.

Textile and string knit gloves use different materials depending on what they will be used for and include natural cotton fibers, synthetics such as cotton/poly TC blend, nylon, or polyester. Because they are assembled through cut and sewn or seamless knits, the styles retain functionality while offering custom fitting for any general-purpose applications.

#### **TEXTILE & STRING KNIT STYLES OFFERED**

- **COTTON CANVAS GLOVES** offer an economical, comfortable, and durable choice for industrial applications. Styles are available in clute pattern to prevent seams from splitting, knit wrist to provide a snug fit, band top for additional comfort, and gauntlet cuff for extended protection. PVC dots are cured on these gloves for additional grip, abrasion resistance, and durability.
- **STRING KNIT GLOVES** are extremely soft, providing excellent dexterity, and are ideal for glove liners. PVC dots are cured on these gloves for additional grip, abrasion resistance, and durability. These gloves are available in hand-specific and reversible styles.
- **INSPECTION GLOVES** are made from 100% cotton, polyester-cotton blends, or nylon materials. These are used to protect small parts or keep the product clean from contamination. Selections of lisle or nylon inspection gloves are available in light, medium, or heavy weight.
- HOT MILL GLOVES are designed for heat protection. Constructed with multiple layers of cotton or non-woven materials provide superior comfort. Available in various weights with standard features, these gloves are an excellent choice for additional heat protection.
- **COTTON CHORE GLOVES** provide abrasion protection for general purpose applications. Available in various weights, these gloves are perfect for insulation and heavy-duty applications.
- **TERRY GLOVES** are used in light to moderate heat applications. Loop-out terry gloves have more intermittent heat dissipation while looping knits are a safeguard from snags. Terry gloves are available in various weights and colors to best suit your application.
- GARDENING GLOVES are perfect for home gardeners, professional landscapers and are a great general-purpose glove.

#### STRING KNIT SIZING COLOR CHART - COLOR CODED CUFFS



Color coded cuffs help ensure proper sizing evertthing - improve comfort and compliance.

■ **RED**: X-Small

■ WHITE: Large

■ YELLOW: Small

■ **BROWN**: X-Large

■ BLUE: Medium

#### PREMIUM LIGHT WEIGHT LISLE

#### 4401ML

Sizes: S, L, & XL

- 100% Cotton
- Two-piece reversible
- Unhemmed

#### **RELATED**

**4401:** Standard weight, Sizes: MENS and LADIES **4401Q:** Standard weight, Sizes: MENS and LADIES

#### **APPLICATIONS**

Catering and Food Handling | Formal Occasions | Hotels | Restaurants

#### **LIGHT WEIGHT LISLE**

#### 4401P

Sizes: MENS & LADIES

- Cotton/polyester blend
- Two-piece reversible
- Unhemmed

#### **APPLICATIONS**

Catering and Food Handling | Restaurants | Hotels

#### **LIGHT WEIGHT LISLE**

#### 4414

Sizes: MENS

- 14" length
- 100% Cotton
- Two-piece reversible
- Unhemmed

#### **APPLICATIONS**

Catering and Food Handling | Formal Occasions | Hotels | Restaurants





#### **MEDIUM WEIGHT LISLE**

#### 4411

Sizes: MENS & LADIES

- 100% Cotton
- Two-piece reversible
- Self-hemmed

#### **APPLICATIONS**

Catering and Food Handling | Restaurants | Hotels



#### PREMIUM HEAVY WEIGHT LISLE

#### 4421

Sizes: MENS & LADIES

- 100% Cotton
- Two-piece reversible
- Self-hemmed

#### RELATED

**4421Q:** Standard weight, Sizes: MENS and LADIES

#### **APPLICATIONS**

Catering and Food Handling | Restaurants | Hotels



#### **FULL FASHION STRETCH NYLON**

#### 4611

Sizes: MENS & LADIES

- In-set thumb
- Color coded hem
- Stretch nylon fabric

#### **APPLICATIONS**

Catering and Food Handling | Restaurants | Hotels



#### TRICOT NYLON

#### 4601

Sizes: MENS M-XL

- Regular weight
- Two-piece reversible
- Color coded hem

#### **RELATED**

4601Q: Standard weight, Sizes: L-XL

4602: Sizes: LADIES S-L

#### APPLICATIONS

Catering and Food Handling | Restaurants | Hotels

#### **REVERSIBLE STRETCH NYLON**

#### 4613

Sizes: MENS & LADIES

- Regular weight
- Two-piece reversible
- Color coded hem

#### **RELATED**

4613Q: Standard weight, Sizes: MENS & LADIES

#### **APPLICATIONS**

Catering and Food Handling | Restaurants | Hotels

#### FORMAL WHITE DRESS GLOVES

#### 4621

Sizes: S-XL

- 100% Cotton
- Full fashion style
- Trim pipes on back
- Individual polybag per pair

#### **RELATED**

4622: 100% Cotton with snaps on cuff, Sizes: S-XL

#### **APPLICATIONS**

Catering and Food Handling | Formal Occasions | Hotels | Restaurants

#### FORMAL WHITE DRESS GLOVES WITH PVC DOTS

#### 4625

Sizes: S-XL

- 100% Cotton
- Full fashion style
- Trim pipes on back
- Mini PVC dots on palm and thumb

#### **APPLICATIONS**

Catering and Food Handling | Formal Occasions | Hotels | Restaurants





#### 9 OZ. BROWN JERSEY

#### 4503

Sizes: MENS & LADIES

- Clute pattern
- Knit wrist

#### **RELATED**

**4513**: 13 oz., Sizes: MENS 4503A: 10 oz., Sizes: MENS

4503Q: Regular weight, Sizes: MENS & LADIES 4503PSP: Polyester/Cotton, Sizes: MENS

#### **APPLICATIONS**

General Maintenance | Parts Handling | Packaging | Warehouse

#### **LINED BROWN JERSEY**

#### 4308Q

Sizes: MENS

- Slip-on
- Red fleece lined
- Gunn pattern
- Straight thumb

#### **RELATED**

4308QRM: Ramie/Cotton Sizes: MENS

#### **APPLICATIONS**

General Maintenance | Parts Handling | Packaging | Warehouse

#### **BROWN JERSEY WITH PVC DOTS**

#### 4504

Sizes: MENS & LADIES

- Clute pattern
- Knit wrist
- Mini PVC dots on palm, index finger and thumb

4504Q: Regular weight, Sizes: MENS & LADIES

General Maintenance | Parts Handling | Packaging | Warehouse







#### **REVERSIBLE NATURAL JERSEY**

#### 4509Q

Sizes: MENS & LADIES

- Regular weight
- Knit wrist
- Two-piece reversible

4509: Heavy weight, Sizes: MENS & LADIES

4509SP: Cotton/polyester, Sizes: MENS, XL, LADIES

4508: Regular weight, brown jersey, reversible, Sizes: MENS

#### **APPLICATIONS**

General Maintenance | Parts Handling | Warehouse



#### **HEAVY WEIGHT JERSEY**

#### 4526

Sizes: MENS

- Clute pattern
- Knit wrist

#### **APPLICATIONS**

Construction | Hunting | Parts Handling | Warehouse



**8 OZ. COTTON CANVAS** 

#### 4501

Sizes: S, L, & XL

- Clute pattern
- Straight thumb
- Knit wrist

#### **RELATED**

**45010:** Regular weight, Sizes: MENS & LADIES **4501W:** Wing thumb, Sizes: S, L & XL **4501R:** 8 oz., Reversible, Sizes: MENS **4501BL:** 8 oz., Blue knit wrist, Sizes: MENS

#### **APPLICATIONS**

Oil & Gas | Maintenance | Construction



8 OZ. COTTON CANVAS WITH BLACK PVC DOTS

#### 4505

Sizes: MENS & LADIES

- Clute pattern
- Straight thumb
- Knit wrist

#### RELATED

**4505W:** 8 oz., Wing thumb, Sizes: MENS **4505Q:** Regular weight, Sizes: MENS

**4505A:** 10 oz., Sizes: MENS

#### **APPLICATIONS**

Oil & Gas | Maintenance | Construction

WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov

#### 12 OZ. COTTON CANVAS

#### 4512

Sizes: MENS

- Clute pattern
- Straight thumb
- Knit wrist

#### **RELATED**

**4512C:** Premium, Sizes: MENS **4512Q:** Regular weight, Sizes: MENS **4510:** 10 oz., Sizes: MENS

#### **APPLICATIONS**

Oil & Gas | Maintenance | Construction

# 10 OZ. COLORED COTTON CANVAS WITH BLACK PVC DOTS

#### 4505AO

Sizes: MENS

- Clute pattern
- Straight thumb
- Matching knit wrist

#### **APPLICATIONS**

Oil & Gas | Maintenance | Construction

WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov

#### 10 OZ. COTTON CANVAS WITH ORANGE PVC DOTS

#### 9505A

Sizes: MENS

- Clute pattern
- Straight thumb
- Matching knit wrist

#### **RELATED**

9505: 8 oz., Sizes: MENS

#### **APPLICATIONS**

Oil & Gas | Maintenance | Construction

**WARNING:** Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



PREMIUM 20 OZ. COTTON/POLYESTER

**CORDUROY DOUBLE PALM** 

#### 4518CR

Sizes: MENS

- Straight thumb
- Nap-In double palm
- Clute pattern
- Knit wrist

RELATED

**4518QCR:** 18 oz., Sizes: MENS & Medium **4518QCRR:** 18 oz., Red knit wrist, Sizes: MENS

4518CRFL: Fully lined, Sizes: MENS

**APPLICATIONS** 

Oil and Gas | Refineries | Warehouse

#### 20 OZ. COTTON DOUBLE PALM CANVAS



Sizes: MENS

- Straight thumb
- Clute pattern
- Knit wrist
- Nap-in double palm

**RELATED** 

**4518Q:** 18 oz., Sizes: MENS **4518R:** Red knit wrist, Sizes: MENS

4518QR: 18 oz., Red knit wrist, Sizes: MENS

**APPLICATIONS** 

Oil & Gas | Maintenance | Construction

#### 24 OZ. COTTON DOUBLE PALM CANVAS

#### 4524

Sizes: ONE SIZE

- Straight thumb
- Clute pattern
- Knuckle strap
- Red knit wrist
- Nap-in double palm

RELATED

**4531:**  $2\frac{1}{2}$ " band top, Sizes: MENS

**APPLICATIONS** 

Oil and Gas | Refineries | Warehouse



# PREMIUM 20 OZ. COTTON/POLYESTER CORDUROY DOUBLE PALM

#### 4518CRG

Sizes: MENS

- Straight thumb
- Nap-In double palm
- Clute pattern
- Knit wrist

**RELATED** 

**F4518CR:** Orange, Sizes: MENS **4518CRY:** Yellow, Sizes: MENS

**APPLICATIONS** 

Oil and Gas | Refineries | Warehouse



# 18 OZ. COTTON/POLYESTER CORDUROY DOUBLE PALM

#### **F4518TPR**

Sizes: MENS

- Orange cotton and polyester corduroy
- Nap-in double palm and acrylic lining
- TPR at back of hand and fingers

RELATED

G4518TPR: 20 oz., Hi-vis green, Sizes: MENS

**APPLICATIONS** 

Oil and Gas | Refineries | Warehouse





24 OZ. HOT MILL

#### 4551

Sizes: MENS

- Straight thumb with knuckle strap
- Nap-out cotton canvas
- Clute pattern
- 21/2" band top

#### **RELATED**

4551SP: Sizes: MENS

4553ML: Knit wrist, Sizes: MENS & LADIES **4581:** 36 oz., 21/2" band top, Sizes: MENS

#### **APPLICATIONS**

Plant Manufacture | Maintenance



28 OZ. HOT MILL BURLAP LINED

#### 4564

Sizes: MENS

- Straight thumb with Knuckle strap
- Nap-out cotton canvas
- Clute pattern
- Burlap lining for extra heat insulation
- 4½" heavy canvas gauntlet cuff

#### **RELATED**

**4561:**  $2\frac{1}{2}$ " band top, Sizes: MENS

**APPLICATIONS** 

Plant Manufacture | Maintenance

#### 30 OZ. GREEN HOT MILL

#### 4571

Sizes: MENS

- Straight thumb
- Nap-out cotton canvas
- Clute pattern
- Knuckle strap
- 2½" band top

#### **RELATED**

4571BV: Burlap lined, 21/2" band top, Sizes: MENS

4574B: Burlap lined, 41/2" heavy canvas gauntlet cuff, Sizes: MENS

#### **APPLICATIONS**

Plant Manufacture | Maintenance

#### 30 OZ. GREEN HOT MILL

#### 4571A

Sizes: MENS

- 18 oz. outer layer
- Rayon lining, straight thumb
- Clute pattern, 21/2" band top
- Nap-out cotton canvas, Knuckle strap

4574A: 41/2" heavy canvas gauntlet cuff, Sizes: MENS

4574AFL: 41/2" heavy canvas gauntlet cuff, fully lined, Sizes: MENS

#### **APPLICATIONS**

Plant Manufacture | Maintenance

# **HEAVY WEIGHT GOLDEN CHORE**

WITH KNIT WRIST

#### 4203

Sizes: MENS

- Straight thumb
- Clute pattern
- Two-layer fleece quilted palm and back

#### RELATED

4203Q: Medium weight, Sizes: MENS

4206: Green chore, Heavy weight, Sizes: MENS

#### **APPLICATIONS**

Plant Manufacture | Maintenance





HEAVY WEIGHT GOLDEN CHORE WITH CANVAS BACK

#### 4211

Sizes: MENS

- Straight thumb
- Clute pattern
- Two-layer fleece quilted palm and back
- 2½" canvas band top

**RELATED** 

4213: Knit wrist, Sizes: MENS

**APPLICATIONS** 

Plant Manufacture | Maintenance

HEAVY WEIGHT GOLDEN CHORE WITH GAUNTLET CUFF

#### 4214

Sizes: MENS

- Straight thumb
- Clute pattern
- Canvas back with elastic
- 4½" heavy canvas gauntlet cuff
- Two-layer fleece quilted palm

#### **APPLICATIONS**

Plant Manufacture | Maintenance

HEAVY WEIGHT GOLDEN CHORE WITH TURTLE NECK GAUNTLET CUFF

#### 4214ST

Sizes: MENS

- Straight thumb
- Clute pattern
- Canvas back with elastic
- 4½" heavy canvas gauntlet cuff
- Two-layer fleece quilted palm

#### **APPLICATIONS**

Plant Manufacture | Maintenance



#### 18 OZ. SEAMLESS TERRY CLOTH

#### 4113C

Sizes: S & L

- Reversible
- Knit wrist
- Loop-out, ambidextrous

RELATED

**4123C:** 24 oz., Sizes: S, L **4113LI:** Loop in, Sizes: L

**APPLICATIONS** 

Plant Manufacture | Maintenance



#### 24 OZ. SEAMLESS TERRY CLOTH

#### 4123GC

Sizes: S & L

- Reversible
- Knit wrist
- Loop-out, ambidextrous

#### **APPLICATIONS**

Assembly and Finishing | Product Handling



#### **BLEACH WHITE COTTON / POLYESTER KNIT**

#### 4507

Sizes: S-L

- Medium weight
- Reversible
- Seamless Knit
- Elastic knit wrist

#### **RELATED**

P4507Q: Regular weight, Sizes: S-L

#### **APPLICATIONS**

Assembly and Finishing | Product Handling



#### 100% NYLON KNIT

#### 4547NY

Sizes: XS-XL

- 10 gauge
- Reversible
- Seamless knit
- Elastic knit wrist

#### **RELATED**

4557NY: 13-gauge, Sizes: S-XL

#### **APPLICATIONS**

Electronics Assembly | Parts Handling

#### **REVERSIBLE GRAY COTTON / POLYESTER KNIT**

#### P4517G

Sizes: S-L

- Regular weight
- Seamless Knit
- Elastic knit wrist



#### **RELATED**

**P4527G:** Heavy weight, Sizes: S-L **K4517G:** Standard weight, Sizes: S-L

#### **APPLICATIONS**

Assembly | Food Processing | Parts Handling | Warehouse

#### **REVERSIBLE GRAY COTTON / POLYESTER KNIT**

#### 4527TG

Sizes: S-L

- Heavy weight
- Reversible
- Seamless knit
- Elastic knit wrist

#### **RELATED**

4517TG: Medium weight, Size: S-L

#### **APPLICATIONS**

Assembly | Food Processing | Parts Handling | Warehouse

#### **REVERSIBLE NATURAL WHITE COTTON /**

**POLYESTER KNIT** 

#### P4527

Sizes: KD-L

- Heavy weight
- Seamless knit
- Elastic knit wrist

#### **RELATED**

**4517T:** Medium weight, Sizes: S-XL **P4517Q:** Regular weight, Sizes: KD-L **K4517:** Standard weight, Sizes: KD-L

#### **APPLICATIONS**

Assembly | Food Processing | Parts Handling | Warehouse



100% NYLON KNIT

#### **THERMASTAT™**

#### 4597BU

Sizes: ONE SIZE

- 13 gauge
- Reversible
- Seamless knit
- Elastic knit wrist

**RELATED** 

4597: White, Sizes: ONE SIZE

**APPLICATIONS** 

Electronics Assembly | Parts Handling



#### **ONE-SIDED BLACK PVC DOTS**

#### 4716Q

Sizes: MENS & LADIES

Natural white cotton/polyester knit

- Elastic knit wrist
- PVC dots on palm

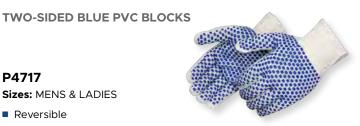
**RELATED** 

P4716Q: Sizes: MENS & LADIES S4716Q: Sizes: MENS & LADIES

**APPLICATIONS** 

Assembly | Material Handling | Packaging | Warehouse ★ WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov





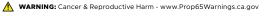
#### P4717

Sizes: MENS & LADIES

- Reversible
- Natural white cotton/polyester knit
- Elastic knit wrist

#### **APPLICATIONS**

Material Handling | Warehouse





#### TWO-SIDED BLACK PVC DOTS

#### 4715Q

Sizes: S-L

- Natural white color cotton/polyester knit
- Elastic knit wrist

#### RELATED

P4715Q: Sizes: MENS & LADIES S4715Q: Sizes: MENS & LADIES 4715SP: Sizes: MENS & LADIES 4715: Sizes: MENS & LADIES

#### **APPLICATIONS**

Assembly | Material Handling | Packaging | Warehouse

**WARNING:** Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



#### **HEAVY WEIGHT TWO-SIDED CLEAR PVC HONEYCOMB**

#### 4707

Sizes: S-XL

- Reversible
- Elastic knit wrist

#### RFI ATFD

4707G: Gray color, Sizes: S-XL

#### **APPLICATIONS**

Material Handling | Glass Handling | Wood Handling

**WARNING:** Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



## **HI-VIS APPAREL**

Workers wear hi-vis safety apparel to alert drivers or other vehicle operators of a worker's presence, especially in low light and dark conditions. Without compromising your safety, our hivis gear provides comfort, style, and functionality.

Liberty Safety offers a broad selection of hi-vis garments from the HiVizGard™ brand. Featuring rugged features like cross box stitching, reinforced zipper stitch, breathable material, heavy gauge mesh, black bottom tops, and much more, it's quality protection for jobs that require durable clothing that makes sure the worker is easily seen and protected.



#### **SIZING CHART**

PANTS						
SIZE	М	L	XL	2XL	3XL	4XL
WAIST	40	44	48	52	56	60
INSEAM	31	31	32	32	33	33

MESH PAN	TS				
SIZE	M/L	XL/2XL	3XL/4XL	5XL/6XL	
WAIST	49	53	57	61	
INSFAM	30	31	31	32	

2-SIZE VEST		
SIZE	S/XL	2XL/5XL
CHEST	36-50	52/66

SAFETY VESTS & SHIRTS													
SIZE	S	М	L	XL	2XL								
CHEST	36-38	40-42	44-46	48-50	52-54								
SIZE	3XL	4XL	5XL	6XL									
CHEST	56-58	60-62	64-66	68-70									

WINDE	BREAKE	R & BOM	IBER JA	CKETS			
SIZE	М	L	XL	2XL	3XL	4XL	
CHEST	52-54	54-56	56-58	58-60	60-62	64-66	



YOUR LOGO HERE



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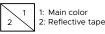
## **ICON LEGEND**





1: Main color

2: Reflective tape 3: Secondary color/Black trim





1: Main color 2: Reflective tape 3: Secondary color 4: Black trim



#### **HI-VIS RECOMMENDATIONS**

#### SIZE

- Larger and brighter is more visible than smaller and less reflective. More coverage provides better visibility in all viewing directions.
- Stripes of colors contrast with the background material to provide good visibility. Stripes on the arms and legs can give visual clues about the person's motion wearing the garment.
- When background material is bright-colored or fluorescent material, it is more visible.

#### FIT

- Workers should look for a specific fit for their body type for safety and best performance. Consider the bulk of the clothing worn underneath Hi-vis garments too. Clothing should stay in place and sit well on your body during your work.
- It should be comfortable and lightweight to wear and any parts that touch the worker's body shouldn't have sharp edges or cause irritation or injuries.
- Hi-vis apparel shouldn't be covered up with other clothing or equipment including gloves, belts, or boots.

# LIGHTING CONDITIONS

- Daylight Bright colors are more visible than dull colors under daylight conditions.
- Low light conditions Fluorescent colors are more effective than bright colors under low light (e.g., dawn and dusk).
- Dark conditions/worksites Greater retro-reflectivity provides greater visibility under low light conditions.
   Retro-reflective materials provide higher visibility over bright colors. Fluorescent materials are completely ineffective at night.

#### CARE/ MAINTENANCE

5

- Keep your hi-visibility apparel clean and well-maintained. Contaminated or dirty materials are less reflective.
- Change clothing that shows signs of wear and tear, soiling, or contamination because they won't be as effective for increased visibility.

# **AMERICAN ANSI/ISEA 107-2020 REVISION**

# HIGH VISIBILITY STANDARDS

**ANSI/ISEA 107-2020** revision includes single-use disposable coveralls, flame-resistant protective clothing, overall luminance, and updated garment labels.

- 1 Current ANSI/ISEA 107-2020 are still acceptable to use Liberty Safety (LIBERTY SAFETY) will have a rolling change effective Q2 of 2021
- rolling change effective Q2 of 2021

  Flame Resistant Protective Clothing
- Covers the requirements of testing marking to the following standards: ASTM F1506-19, ASTM F1891-19, ASTM F2302-10, ASTM F 2733-17, NFPA 1977, and NFPA 2112.

**Compliant High-Visibility Product Labels at LIBERTY SAFETY** 

#### Single-Use Disposable Coveralls

Covers the same requirements as regular high-visibility markings in addition to requirements regarding the integrity of materials and its identification.

Overall Luminace
Covers updated standards for ASTM E-1501-99,
specific settings in which garments must be tested,
and optional reporting based on the ANSI/ISEA

Declaration of Conformity.

With the new ANSI/ISEA 107-2020 standard, the marking of washings has been removed from the label. Required testing for a number of washings is still a requirement. As a leader in the PPE industry, Liberty Safety recognizes the importance of upholding ANSI/ISEA standards and their continual revisions. These standards are regularly revised with the latest research and technology.

#### **PLAIN MESH VEST**



Sizes: One Size

- Hook and loop front closure
- 1" silver reflective tape
- Elastic side straps



S AND IT AND ITS

#### **APPLICATIONS**

Shopping Cart Retrievers | Parking Lot Attendants



#### SOLID FRONT MESH BACK SURVEYOR'S VEST



N16020F: Without tape

Sizes: S-4XL

- Front zipper closure
- 2" high gloss reflective tape with contrasting trim
- Four external pockets and two internal pockets





#### **PLAIN MESH VEST**



Sizes: One Size

- Hook and loop front closure
- High gloss reflective tape
- Elastic side straps



#### **APPLICATIONS**

Baggage Handler | Warehouse | Distribution



#### **PLAIN MESH VEST**



Sizes: ONE SIZE

- Hook and loop front closure
- 2" silver reflective tape with contrasting trim
- Elastic side straps

#### **APPLICATIONS**

Warehouse | Construction | Baggage Handler





SOLID FRONT MESH BACK SURVEYOR'S VEST

WITH BLACK BOTTOM



#### C16015GB C16015FB

Sizes: S-4XL

- Front zipper closure
- 2" silver reflective tape
- Dual mic tabs on shoulders
- Clear ID badge pocket and pen pockets on chest
- Two external pockets and three internal pockets
- Hidden pouch pocket

#### **APPLICATIONS**

Assembly | Fabrication | Landscaping



## SOLID FRONT MESH BACK SURVEYOR'S VEST



#### C16017F C16017G

Sizes: S-4XL

- Front zipper closure
- 2" silver reflective tape
- Dual mic tabs on shoulders
- Clear ID badge pocket and pen pockets on chest
- Two external pockets and two internal pockets
- Hidden pouch pocket

## APPLICATIONS

Assembly | Material Handling | Warehouse



#### SOLID FRONT MESH BACK ENGINEER SURVEYOR'S VEST



**C16016G:** Black trim **C16016F** 

Sizes: S-4XL

- Front zipper closure
- 2" silver reflective tape with contrasting trim
- Padded collar for comfort
- Dual mic tabs and grommets
- Clear ID badge pocket and pen pockets on chest
- Five external pockets and four internal pockets
- Hidden pouch pocket

#### **APPLICATIONS**

Construction | Logistics | Utility Work



#### SOLID FRONT MESH BACK SURVEYOR'S VEST

#### WITH BLACK BOTTOM



C16032GB

C16032FB

C16042GB: All mesh C16042FB: All mesh

Sizes: S-4XL

- Front zipper closure
- 2" silver reflective tape with contrasting trim
- Dual mic tabs on shoulders
- Clear ID badge pocket and pen pockets on chest
- Two external pockets and three internal pockets
- Hidden pouch pocket

## APPLICATIONS

Construction | Maintanence | Road Work





# HIGH VISIBILITY APPAREL



SOLID FRONT MESH BACK SURVEYOR'S VEST



Sizes: M-5XL

- Front zipper closure
- 2" wide reflective tape with contrasting trim
- Pen pockets on chest
- Four external pockets and two internal pockets

#### **APPLICATIONS**

Installation | Maintenance | Warehouse





SOLID FRONT MESH BACK SURVEYOR'S VEST





#### C16032G

Sizes: S-4XL

- Front zipper closure
- 2" silver reflective tape
- Dual grommets on shoulders
- Clear ID badge pocket and pen pockets on chest
- Three external and three internal pockets

#### **APPLICATIONS**

Construction | General Labor | Shipyards



SOLID FRONT MESH BACK SURVEYOR'S VEST



#### C16011GB

Sizes: M-4XL

- Front zipper closure
- 2" silver reflective tape with contrasting trim
- Padded collar for comfort
- Dual mic tabs and grommets
- Clear ID badge pocket on chest
- Five external pockets and one internal pocket
- Hidden pouch pocket

### **APPLICATIONS**

Construction | General Labor | Shipyards



SOLID FRONT MESH BACK ENGINEER

SURVEYOR'S VEST



C16010F C16010G

**C16021F:** All Solid **C16021G:** All Solid

Sizes: S-4XL

- Front zipper closure
- 2" silver reflective tape
- Four external pockets and two internal pockets

**APPLICATIONS** 

Assembly | Material Handling | Warehouse



#### **MESH VEST**



### C16003G C16003F

Sizes: S-6XL

- Front zipper closure
- 2" silver reflective tape
- One external pocket and two internal pockets

#### **APPLICATIONS**

Environmental Clean-Up | Maintenance | Transportation





#### MESH VEST WITH BLACK BOTTOM



Sizes: S-6XL

- Front zipper closure
- 2" silver reflective tape
- One external pocket



**APPLICATIONS** 

Assembly | Traffic Control | Utility Work







**MESH VEST** 



#### C16002R

Sizes: M-5XL

- Front zipper closure
- 2" wide reflective tape
- One external pocket



**APPLICATIONS** 

Assembly | Traffic Control | Utility Work



5-POINT BREAKAWAY MESH VEST



#### C16005G C16005F

Sizes: S-6XL

- Hook & loop closures at the top, sides, and front
- 2" silver reflective tape
- Two external pockets



**APPLICATIONS** 

Assembly | Fabrication | Utility Work

CLASS

#### SOLID EVAPORATIVE COOLING VEST



#### C16006GC

Sizes: M-3XL

- Front zipper closure
- 2" wide reflective tape
- Soak in cold water for 1-2 minutes to activate
- Reusable with anti-microbial treatment



Construction | Landscaping | Transportation



#### **SOLID SURVEYOR'S VEST**



#### C16822G C16822F

Sizes: M-5XL

- Front zipper closure
- 2" high gloss reflective tape
- One external pocket and two internal pockets



Environmental Clean-Up | Maintenance | Transportation







#### C16802F C16802G

Sizes: S-4XL

- Front zipper closure
- 2" high gloss reflective tape
- Two external pockets and two internal pockets



#### **APPLICATIONS**

Environmental Clean-Up | Maintenance | Transportation



# **MESH SURVEYOR'S VEST**

**BEST SELLER** 



#### C16013G

Sizes: S-5XL

- Front zipper closure
- 2" silver reflective tape with contrasting trim
- Four external pockets



#### **APPLICATIONS**

Assembly | Fabrication | Utility Work



# HIGH VISIBILITY APPAREL

# C16004G C16004F FR16004G FR16004F Sizes: M-4XL Front zipper closure 2" silver reflective tape One outside pocket, and two

5-POINT BREAKAWAY ALL MESH VEST



APPLICATIONS

internal pockets

Aviation | Logistics | Transportation





**APPLICATIONS** 

Assembly | Fabrication | Utility Work



SOLID FRONT MESH BACK VEST WITH SLEEVES

AND BLACK BOTTOM



#### C16034GB C16034FB

Sizes: S-5XL

- Front zipper closure
- 2" silver reflective tape with contrasting trim
- Padded collar for comfort
- Dual mic tabs on shoulders
- Clear ID badge pocket and pen pockets on chest
- Two external pockets and three internal pockets
- Hidden pouch pocket

**APPLICATIONS** 

Construction | Roadwork | Survey and Utility

CLASS

MESH VEST WITH SLEEVES



#### C16014G C16014F

Sizes: S-6XL

- Front zipper closure
- 2" silver reflective tape with contrasting trim
- Four external pockets



**APPLICATIONS** 

Assembly | Construction | Maintenance

CLASS

#### **SWEATSHIRT**



#### C16724G C16724F C16734GB:

With black bottom

Sizes: M-3XL

- 100% polyester fleece
- Front zipper closure
- 2" silver reflective tape
- Elastic ribbed cuff and waistband
- Hood with adjustable pull cord
- Two external pockets

#### **APPLICATIONS**

Construction | Maintenance | Transportation



#### BOMBER JACKET WITH BLACK BOTTOM



#### C16725G C16725F C16722G:

Without black bottom

Sizes: M-5XL

- Front zipper closure
- PU coated polyester shell and quilted fleece
- 2" wide reflective tape
- Dual mic tabs
- Pen pockets on chest and sleeve
- Three external pockets and one internal pocket

#### **APPLICATIONS**

Emergency Responders | Roadwork | Survey and Utility



#### WINDBREAKER JACKET



#### C16720G

Sizes: S-7XL

- PU coated 300 denier polyester oxford
- Zipper closure with storm flap
- 2" silver reflective tape
- Detachable hood
- Adjustable wrist straps
- Three external pockets

#### **APPLICATIONS**

Emergency Responders | Roadwork | Survey and Utility



#### SOFT SHELL JACKET



#### C16728GBX

Sizes: M-5XL

- Weatherproof outer contour softshell
- Front zipper closure
- 2" silver reflective tape
- Fully insulated fleece liner and collar
- Dual mic tabs on shoulders
- Adjustable cuffs with rubber pulls tabs
- Three external pockets

#### **APPLICATIONS**

Construction | Maintenance | Transportation





# HIGH VISIBILITY APPAREL

#### LIGHT WEIGHT SHORT SLEEVE T-SHIRT

C16600G C16600F

C16700G: Long sleeve

™ N16600G ™ N16600F

N16700G: Long sleeve N16700F: Long sleeve

Sizes: S-6XL

Moisture wicking shirt

2" silver reflective tape with contrasting trim

One external pocket

#### **APPLICATIONS**

Construction | Logistics | Maintenance



#### **MESH PANTS**



#### C16925G C16925F

Sizes: M-6XL

- 100% Polyester
- 2" silver reflective tape
- Elastic waist with drawstring



#### **APPLICATIONS**

Environmental Clean-Up | Maintenance | Transportation



#### LIGHT WEIGHT SHORT SLEEVE T-SHIRT



#### C16614G C16614F

Sizes: S-4XL

- Moisture wicking shirt
- 2" silver reflective tape with contrasting trim
- One external pocket



#### **APPLICATIONS**

Construction | Logistics | Maintenance



#### **RAIN PANTS**



#### C16920GB C16920G:

Without black bottom, Sizes: S-7XL

Sizes: M-4XL

- PU coated 300 denier polyester oxford
- 2" silver reflective tape
- Elastic waist, drawstring, and ankle snaps
- Two external pockets



#### APPLICATIONS

Construction | Roadwork | Survey and Utility



SASH TRAFFIC BELT



#### 1911HG 1911HO

Sizes: ONE SIZE

- 2" wide stretch reflective band
- Quick-fastening buckle on front
- Adjustable shoulder straps
- Adjustable waist straps

#### **APPLICATIONS**

Agriculture | Construction | Utility Work





#### **FULL BRIM NECK SHADE**



- Folds into pouch
- 5/8" wide reflective tape with contrasting trim
- Hook and loop straps to secure over full-brim hard hats

#### **APPLICATIONS**

Baggage Handlers | Railway Workers | Survey and Utility



## NECK SHADE



Sizes: ONE SIZE

- Elastic band to fit over most hard hats
- 5/8" silver reflective material with contrasting colors

#### APPLICATIONS

Baggage Handlers | Railway Workers | Survey and Utility







# PROTECTIVE RAINWEAR

DuraWear™ rainsuits offer a reliable solution for a variety of job applications. Our attention to quality, comfort, and functionality are critical when faced with hazardous or extreme weather conditions. Our rainwear is available with different features and fabric thickness without compromising your protection.

SIZE CHART	JACKET	PANTS
Small	34 - 36	28 – 30
Medium	38 – 40	32 – 34
Large	42 - 44	36 - 38
XL	46 – 48	40 - 42
2XL	50 - 52	44 – 46
3XL	54 - 56	48 – 50
4XL	58 - 60	52 - 54
5XL	62 - 64	56 - 58
6XL	66 - 68	60 - 62
7XL	70 – 72	64 - 66
Reference only		

#### HOW TO MEASURE:

For Chest / Bust Size - Measure under the arms and across the broadest part of the chest area.

For Waist - Measure around waist and over shirt (do not measure over pants).



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#### FR PVC/POLYESTER/PVC

### **3-PIECE RAINSUIT**

FR1340 Yellow

Sizes: S-5XL

Thickness: 0.35mm

- Jacket with detachable hood, corduroy collar, and bib overall pants
- Cape vented back and underarm air vents
- Front zipper with storm-fly front snaps
- Heavy PVC reinforced joints



**APPLICATIONS** 

Petrochemical | Oil Refining | Maintenance



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov



# 2-PIECE ACID GREEN SUIT

1370 Acid Green

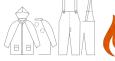
Sizes: S-5XL

Thickness: 0.40mm

- Jacket with attached with bib overall pants
- Cape-vented back and underarm air vents
- Front zipper with storm-fly front snaps
- Heavy PVC reinforced joints











MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

**PVC/POLYESTER** 

3-PIECE LIME GREEN RAINSUIT

1260HIVIS Hi-vis green

Sizes: S-5XL Thickness: 0.35mm

 Jacket with detachable hood, corduroy collar, and bib overall pants

2" wide reflective stripes

- Cape vented back and underarm air vents
- Front zipper with storm-fly front snaps
- Heavy PVC reinforced joints



Environmental Clean-Up | Maintenance Public Works



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov



#### **3-PIECE RAINSUIT**

**1330** Yellow

Sizes: S-5XL

Thickness: 0.40mm

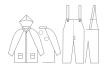
- Jacket with detachable hood, corduroy collar with bib overall pants
- Cape vented back and underarm air vents
- Front zipper with storm-fly front snaps
- Heavy PVC reinforced joints

**RELATED** 

1320: PVC/Poly/PVC S-4XL

#### **APPLICATIONS**

Construction | Environmental Clean-Up Maintenance | Shipyard



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov





## **3-PIECE RAINSUIT**

1350 Hi-vis green

Sizes: S-5XL

Thickness: 0.15mm

- Polyester-oxford fabric with PU coating
- 2" wide reflective stripes
- Jacket with detachable hood, corduroy collar with attached bib overall pants and two external pockets
- Storm-fly front snap

RELATED

**1352:** Jacket **1353:** Bib pants

**APPLICATIONS** 

Maintenance Evironmental Clean-Up Construction | Shipyard





MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov



PAREL

APPAREL

PROTECTION PROTECTION

PROTECTION

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PROTECTION

ACCESSORIES



**2 LAYERS PVC/POLYESTER** 

#### **3-PIECE RAINSUIT**

**1240** Orange

1260 Hi-vis green

Sizes: S-5XL

Thickness: 0.35mm

- Jacket with detachable hood, corduroy collar, and bib overall
- Cape vented back and underarm air vents
- Front zipper with storm-fly front snaps
- Heavy PVC reinforced joints

#### **APPLICATIONS**

Construction | Environmental Clean-Up Maintenance | Shipyard





MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

**2 LAYERS PVC/POLYESTER** 

## **3-PIECE RAINSUIT**

**1220** Yellow

Sizes: S-7XL

Thickness: 0.35mm

- Jacket with attached hood & bib overall pants
- Corduroy collar jacket
- Zipper front with storm-fly front snaps
- Underarm air vents
- Cape-vented back
- Heavy PVC reinforced joints

#### **RELATED**

1220AH: Attached hood rain suit

**1222:** Jacket **1223:** Bib pants

#### **APPLICATIONS**

Construction | Environmental Clean-Up | Maintenance | Shipyard



★ WARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

#### SINGLE LAYER PVC

## **3-PIECE RAINSUIT**

**1020** Yellow

Sizes: S-3XL

Thickness: 0.10mm

- Jacket with detachable hood and elastic waist pants
- Storm-fly front snaps



#### **APPLICATIONS**

Construction | Environmental Clean-Up Maintenance | Shipyard



3-Piece rainsuit with elastic pants

MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

PVC/POLYESTER

#### **RAINCOAT**

**1225** Yellow, Sizes: S-6XL **1245** Orange, Sizes: S-5XL

Thickness: 0.35mm Length: 48"

- Coat with detachable hood
- Cape-vented back
- Storm-fly front snaps
- Two flapped pockets



#### **APPLICATIONS**

Construction | Environmental Clean-Up | Maintenance | Shipyard



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

### **HI-VIS RAINCOAT**

1355 Hi-vis green

Sizes: S-3XL Length: 48"

- Polyester/Oxford fabric with PU coating
- Coat with detachable hood
- Zipper with Storm-fly front snaps
- Two sided access pockets



#### **APPLICATIONS**

Construction | Environmental Clean-Up | Maintenance | Shipyard





MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

#### PVC/POLYESTER

#### 2-PIECE SLICKER

1228 Yellow Sizes: S-3XL

Thickness: 0.35mm

Length: 60"

- Slicker with detachable hood
- Storm-fly front flaps



## PONCHO

**1026** Yellow

**10260R** Orange

**1025** Clear polyethylene,

sealed sides, 0.02mm, Size: 50" x 80"

Size: 52" x 80"
Thickness: 0.10mm

- Heat-sealed seams
- Attached hood
- Side snap closure
- Reach-through sleeves



#### **APPLICATIONS**

Construction | Environmental Clean-Up Maintenance | Shipyard



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

#### **APPLICATIONS**

Construction | Environmental Clean-Up | Maintenance | Shipyard



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

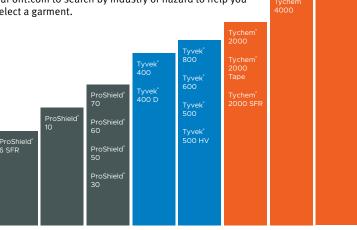




## **ONE SIMPLE SYSTEM**



We've updated our SafeSPEC™ selector tool to reflect the new product identification system. Visit SafeSPEC. DuPont.com to search by industry or hazard to help you select a garment.



Level of protection

Heavy chemical

exposure

All garment patches are now in the shape of a stop sign and each is assigned a color.



DuPont<sup>™</sup> Tychem<sup>®</sup> Orange



DuPont<sup>™</sup> Tyvek<sup>®</sup> Blue



DuPont<sup>™</sup> ProShield<sup>®</sup> Gray

We've simplified our product identification system by replacing the original product names with an easy-to-follow numeric system. The higher the number, the greater the protection—it's that simple.

For example, Tychem® QC is now Tychem® 2000.

Tyvek® is now Tyvek® 400.

Non-hazardous Non-hazardous Light chemical particles and particles, liquids exposure aerosols and aerosols Flame resistance Non-hazardous Non-hazardous particles particles Hazardous particles Non-hazardous light liquid splash and aerosols

#### New Packaging

Our new packaging is labeled with the same stop sign shapes as the garments.



Original	New	
Tychem Reflector Tychem Reflector	Tychem 10000 FR	Heavy chemical exposure
Tychem TK	Tychem 10000	_
Tychem RESPONDER CSM	Tychem Responder CSM	_
Tychem ThermoPro	Tychem 6000 FR	
Tychem Tychem F	Tychem 6000	
Tychem CPF 3	Tychem 5000	
Tychem SL	Tychem 4000	
Tychem QC	Tychem 2000	
new accessory	Tychem 2000 Tape	- Ition -
new garment	Tychem 2000 SFR	of protection
new garment	Tyvek 800	
Tyvek Plus	Tyvek 600	_
Tyvek Tyvek Xpert	Tyvek 500	_
new garment	Tyvek 500 HV	Light chemical exposure
Tyvek Tyvek <sup>®</sup>	Tyvek 400	Non-hazardous particles  Hazardous particles
Tyvek Dual	Tyvek 400 D	Non-hazardous light liquid splash and aerosols
ProShield® 3	Proshield 70	_
ProShield NexGen®	Proshield® 60	Non-hazardous particles,
new garment	Proshield® 50	liquids and aerosols
DuPont <sup>®</sup> SureStep <sup>®</sup>	Proshield® 30	_
ProShield Basic	Proshield® 10	Non-hazardous particles
Tempro DuPont D	Proshield 6 SFR	Non-hazardous particles and aerosols
D = Dual FR = Flame-resistant SFI	R = Secondary flame-resistant	Flame resistance

#### **PRODUCT PART NUMBERS**

Style

suits.

code.

To simplify ordering and inventory management, we developed a simple, logical and intuitive product part numbering system. Using only 16 characters, each part number comprises abbreviations that provide all the information you need.

#### Fabric

The first two characters are the fabric description.

#### Abbreviations

#### Tychem®

**RF** 10000 FR

TK 10000

RC RESPONDER® CSM

**TP** 6000 FR

**TF** 6000

C3 5000

**SL** 4000

OC 2000

**QC** 2000 Tape

**QS** 2000 SFR

99 Accessories Tyvek® **ProShield®** 

TI 800 I P<sub>3 70</sub> TY 600 NG 60 **TY** 500 **NB** 50

**TY** 500 HV **PE** 30 **TY** 400 **PB** 10

**TD** 400 D TM 6 SFR

FC 400 FC

DuPont® offers a wide

styles-from hoods,

aprons and coveralls

to fully encapsulated

Each garment style has

a unique three-digit

array of garment

#### **Seam Construction Abbreviations**

S Serged or Sewn

**B** Bound T Taped or Double Taped

#### Color

Several DuPont fabrics are available in color

#### Abbreviations

RH Blue **BK** Black

GR Green

GY Gray **HV** High-visibility

orange

LY Lime Yellow

**OR** Orange **SV** Silver

TN Tan

WH White

YL Yellow

#### LG

#### Size

Many DuPont garments are available in a range of sizes; refer to catalog descriptions for details

#### Abbreviations\*

SM Small

MD Medium

**LG** Large XL Extra large

2X 2 Extra large

3X 3 Extra large

4X 4 Extra large

5X 5 Extra large

6X 6 Extra large **7X** 7 Extra large

oo Universal

#### 0025

#### Case Count

The number of garments per case.

#### 00

#### Options **Abbreviations** such as

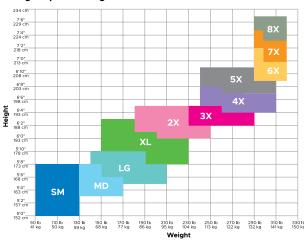
TV Trade Agreement Act compliant VP Vend packed

Not all option codes are available for all products; refer to catalog descriptions for details.

#### \*Not all sizes are available in all styles.

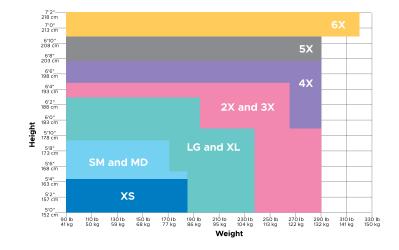
#### **Sizing Charts**

#### Sizing for protective garments



#### Sizing for fully encapsulated suits

This chart is based on individuals wearing SCBA, safety helmet and standard work clothing. Fit varies with individual body shape.



#### **CHOOSING A GARMENT**

Before searching for an appropriate chemical protective garment, you should assess the nature of the hazard and the working environment. Different factors including concentration, temperature and pressure must be matched to the garment's fabric, design and seam construction.

#### Fabric

No matter what the brand or trade name, almost all limited-use protective apparel products can be classified into one of a few general fabric technologies. It is important to understand the performance attributes of the fabric being used for a given application. Why? Not all fabrics used in chemical protective garments are the same. From exclusive DuPont technologies such as Tychem® and Tyvek® to spunbond-meltblown-spunbond (SMS) and microporous film fabrics, DuPont offers a variety of fabrics with different levels of comfort, durability, breathability and protection to meet your specific needs.

In order to select the appropriate protective garment, it is crucial to know how well the fabric used in the garment provides a barrier to specific hazardous materials

Testing for chemical protective fabrics can be divided into two primary categories:

1) penetration testing—appropriate for particle hazards 2) permeation testing—appropriate for liquid and gaseous hazards

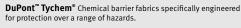
Penetration occurs when there is bulk movement of a material through a pore, hole, gap or defect in the fabric and is the proper method to evaluate particle barrier. Permeation, on the other hand, occurs when there is movement of the material through the barrier fabric on

a molecular level. It is possible for a liquid or vapor to permeate through a fabric even when there is no observed opening in the fabric. Permeation testing is a more sensitive and representative way of characterizing the interaction of liquids and gases with the barrier fabric. Permeation testing is critical for fabrics that are exposed to hazardous liquids, vapors or gases.

#### Fabric technologies typically used in protective garments.

All images are magnified.

# **Exclusive DuPont Technologies**





**DuPont™ Tyvek®** Tyvek® is 100% high-density polyethylene fibers entangled into a protective material—with no fillers or thin films to wear away. Made only by DuPont, it offers superior protection and durability.



Microporous Films (SF or MF) Bi-laminate with a thin microporous film layer on a spunbonded polypropylene nonwoven, these fabrics offer limited durability-barrier protection is lost when the film layer is abraded.



Spunbond-Meltblown-Spunbond (SMS) SMS fabrics rely on the meltblown polypropylene layer in the middle of the open tri-laminate polypropylene structure to act as the main filter for particles. They have limited durability and barrier performance, especially against liquids.

Spunbonded Polypropylene (SBPP) With their highly open structure, SBPP fabrics offer negligible barrier protection.

#### Seam construction

Seams are a critical component of the overall barrier protection provided by a chemical protective garment. It is vital to select the appropriate seam configuration for your application needs and to know that the garment will be constructed with strong, tight seams. One loose thread or gap and the barrier between you and your environment unravels—leaving you vulnerable.



#### Serged or sewn\*

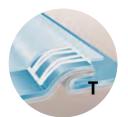
A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stressresistant seam.



#### Bound\*

Tightly sewn with a reinforced outer binding to increase seam strength and barrier.

For potential misting exposure of non-hazardous liquids or particle penetration through the seam



**Taped** 

Both sewn and taped to provide strong chemical resistance against heavy liquid splashes and tough seam stress.

A sewn seam is covered with a strip of compatible material by heat-sealing.



Double taped

Sewn, then taped on the inside and the outside of the seam for a very strong chemicaland stress-resistant seam.

\*Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.



High visibil



Low visibility

High visibility High visibility

High visibility can be either a help or a hindrance for emergency responders. For example, in hazardous situations, it is critical that emergency responders can be easily seen. In addition, hazardous material emergencies often occur in poorly lit environments—thus the need for high visibility.

The high-visibility colors chosen for Tychem® and Tyvek® fabrics were based on extensive research. For example, the human eye is more sensitive to the lime yellow of Tychem® 10000, the safety yellow color of Tychem® 2000 fabrics and the bright orange fluorescent color of Tyvek® 500 HV. Silver gray retroreflective bands on Tyvek® 500 HV also enhance night visibility. On the other hand, there are instances when being visible is dangerous. When discretion is preferred—or required—special low-visibility fabrics, such as Tychem® 2000 SFR and Tychem® 5000, are harder to see and blend into a variety of environments.

#### Garment style

DuPont offers a wide variety of garment styles—from hoods and shoe covers to aprons, coveralls and fully encapsulated suits.

Fully encapsulated suits are available with front or rear entry, with a flat back for airline accommodation or an expanded back for SCBA accommodation.

#### Hoods



In addition to our standard hood design, many of our garments offer a respirator fit hood. These hoods are designed

with a longer zipper for complete coverage of the neck area.

## Faceshields







EX (extra-wide)

In addition to the standard faceshield, DuPont has several garment styles that offer a greater field of vision, enabling the wearer to see more of what they are dealing with, reducing missteps and allowing more natural movement and better eye contact.

The EX (extra-wide) faceshield options on Tychem® 10000 Level A garments feature a wrap-around design that provides ample room for a mask-mounted regulator. This faceshield is wider and longer, providing expanded peripheral and vertical viewing.

#### PRODUCT LINE BY HAZARD

When it comes to addressing a broad range of hazards in the workplace, specifiers have many product options from which to select. The process to understand which option matches a given situation can be confusing and taxing. DuPont Personal Protection had tried to reduce some of that burden by providing a complete line of products with supporting information to help guide specifiers through the selection process.

To get the most of your personal protective equipment (PPE), it is necessary to understand where the products are intended to be used. DuPont™ SafeSPEC™ is a sophisticated for chemical protective clothing based on the user's hazard scenario.

Our database includes hundreds of chemicals, including warfare agents and the ASTM F1001 standard list of challenge chemicals. this tool can be accessed on our website at safespec.dupont.com. To provide a quicker overview of our products and where they are ideally suited for use, we developed the simple guides in this document. Our goal was to match the level of protection and valus for a given exposure hazrd.

# Tyvek® and ProShield® Products Typical general industrial hazards/description/examples

	Non-hazardous							Hazardous													
	Particles	Particles			Light	liquid s	splash*		Particl	es										Bio- hazards**	Flame resistance***
Garment	General dirt & grime	Animal waste		paint	Oil & grease	Lubri- cants	Fertil- izer	Sewage	Fertil- izer	Pestic- ides	Asbesto	s Lead	Chromium	Berylium	n Mold	Fiber- glass	Carbon	Radio- active particles	Isocyanate containing		
Tyvek® 400	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	•	
Tyvek <sup>®</sup> 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Tyvek® 500 HV	<b>✓</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Tyvek® 600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Tyvek® 800	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1	
ProShield® 70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
ProShield® 60	•	•	•	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•	✓	•	
ProShield® 50	•	•	•	✓	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•	•			
ProShield® 30	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
ProShield® 10	•	•	•	•	•	•	•	•													
ProShield®6 SFR	•	•	•	•	•	•															✓

\*Liquid barrier performance varies based on the amount of liquid that may get on the garmet, the length of time the liquid is on the garmet, applied pressure and certain physical properties of the liquid. Tyvek® and ProShield® garments are not appropriate if during use they are getting wet (liquid is dripping or running, or it is wet to the touch) or if spotting is observed on skin or garments worn under the protective garment. Sereged and bound seams are degraded by some hazardous liquid chemicans, such as strong acid, and should not be worn when these chemicals are present. Tyvek® 600 and Tyvek® 500 garments use a special type of Tyvek® fabric, which has different physical properties and improved chemical resistance properties when compared to fabric used in standard Tyvek® garments. Additionally, the seams used in standard Tyvek® garments are different than the seams for Tyvek® 600 and Tyvek® 500 garments. Tyvek® 600 garments offer exemnts offer seams that are sewn and then taped, and Tyvek® 500 garments. Tyvek® 600 garments offer exements offer improved liquid barrier, but may not be appropriate if spotting is observed on the skin or garments worn under the protective garment. In applications where a higher liquid barrier is needed, consider DuPont® Tychem® 2000 and Tychem® 2000 garments with taped seams.

\*\* Biohazards have a variety of classification methods. The products (garments or fabrics) have been tested to the following standards, including but not limited to AATCC 127 (Tyvek® 400), EN 14126 (Tyvek® 500 HV, Tyvek® 500, Tyvek® 600, Tyvek® 800), ATSM F1670 (ProShield® 60 and ProShield® 70) and ASTM F1671 (ProShield® 70). Visit our website for specific testing data.

\*\*\* ProShield® 6 SFR and Tyvek® 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistnat garment and primary flame-resistant hood/balaclava in an enviornment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

It is the user's responsibiliy to determine the nature and level of hazard and the proper personal protective equipment needed. The information set forth herin reflects laboratory performance of fabrics, not complete garments, under controlled conditions.

It is intended for information use by persons having technical skill for evaluation under their specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that they garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and high penetration rates than the fabric. Please contact DuPont for specific data. If the garment becomes torn, abraded or punctured, end user should discontinue use of garment to avoid potential exposure.

Latex statement: As of January 1, 2006, DuPont production specifications exclud use of components containing natural rubber latex in the manufacture of DuPont™ Tyvek® IsoClean® and DuPont™ ProClean® garments.

Tyvek® 500, Tyvek® 600, and Tyvek® 800 contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using the products and should also be reported to DuPot at 1-800-441-3637 (outside of the U.S. 1-302-774-1139).

Garments should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers or other garments surfaces in conditions where slipping could occur. Some Tyvek® garments have attached socks made od the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Tyvek® coveralls and ProShield® 60 coveralls can be considered for use with the appropriate respirators and other suitable PPE to minimize contact with isocyanate paint aerosols. Tyvek® garments are not appropriate if they are getting wet (paint is dripping or running, or wet to the touch) or if spotting is observed on skin or garments worn under the coveralls. Tychem® aprons and smocks are availavle for situations where prolonged liquid exposure may be limited to the front of the torso and/or arms of the wearer. These aprons and smocks can be worn with Tyvek® to provide localized protection while limiting the level of thermal discomfort.

#### DuPont™ Tychem® chemical protection products

#### Typical chemical hazards/examples

	Hazardous dry powders & solids	Bloodborne pathogens & biohazards	Light chemical splash & aerosols	Moderate liquid chemical splash	Potential flash fire exposure & liquid organic chemicals	Heavy liquid chemical splash (toxics & corrosives)	ChemBio & warfare agents	Chemical vapors & gases (toxics & corrosives)		€	NFP/ ensemb	-	
Garment	Dry pharma chemicals	Blood, saliva, human excrement	Inorganic acids and bases, salts	Organics, solvents	Meth- amphetamine	Known carcinogens	Sarin, mustard, VX nerve agent	Chlorine, anhydrous ammonia	1991 Flash fire option	1991 Liquid gas option	1992	1994 Class 2	70E Cat 2
Tychem® 2000	✓	✓	<b>√</b> ∗										
Tychem® 2000 SFR	✓	✓	✓										
Tychem® 4000	✓	✓	<b>√</b> ∗	•									
Tychem® 5000	•	✓	•	✓			•						
Tychem® 6000	•	✓	•	✓			✓				✓		
Tychem® 6000 FR	•	✓	•	✓	✓		✓				✓		✓
Tychem® Responder® CSM	•	•	•	✓		✓	✓	✓		,			
Tychem® 10000	•	•	•	✓		✓	✓	✓				✓	
Tychem® 10000 FR	•	•	•	✓	✓	✓	✓	✓	<b>√</b> ∗∗	✓			

✓ Generally preferred 

 Acceptable for use

Liquid barrier performance varies based on the amount of liquid that may get on the garment, the length of time the liquid is on the garment, applied pressure and certain physical properties of the liquid. Tyvek® and ProShield® garments are not appropriate if during use they are getting wet (liquid is dripping or running, or it is wet to the touch) or if spotting is observed on skin or garments worn under the protective garment. Serged and bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present. Tyvek® 600 and Tyvek® 500 garments use a special type of Tyvek® fabric, which has different physical properties and improved chemical resistance properties when compared to fabric used in standard Tyvek® garments. Additionally, the seams used in standard Tyvek® garments are different than the seams for Tyvek® 600 and Tyvek® 500 garments. Tyvek® 600 garments offer seams that are sewn and then taped, and Tyvek® 500 garments offer external serged seams, where the seam thread is visible on the outside of the garment. Tyvek® 500 and Tyvek® 600 offer improved liquid barrier, but may not be appropriate if spotting is observed on the skin or garments worn under the protective garment. In applications where a higher liquid barrier is needed, consider DuPont™ Tychem® 2000 and Tychem® 4000 garments with taped seams.

ProShield" 6 SFR and Tychem" 2000 SFR coveralls provide only secondary flame-resistant protection. They must always be worn over an appropriate primary flame-resistant garment and primary flame-resistant hood/balaclava in an environment that needs flame protection, along with other personal protective equipment that protects your face, hands and feet.

It is the user's responsibility to determine the nature and level of hazard and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions.

It is intended for information use by persons having technical skill for evaluation under their specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and higher penetration rates than the fabric. Please contact DuPont for specific data. If the garment becomes torn, abraded or punctured, end user should discontinue use of garment to avoid potential exposure.

**Latex statement:** As of January 1, 2006, DuPont production specifications exclude use of components containing natural rubber latex in the manufacture of DuPont\*\* Tyvek\* IsoClean\* and DuPont\*\* ProClean\* garments.

Tyvek\* 500, Tyvek\* 600 and Tyvek\* 800 contain natural rubber latex which may cause altergic reactions in some sensitized individuals. Anyone who begins to exhibit an altergic response during the use of DuPont products should immediately cease using these products and should also be reported to DuPont at 1-800-441-3637 (outside the U.S. 1-302-774-1139).

Garments should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur. Some Tychem' garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

<sup>\*</sup>Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

<sup>\*\*</sup>Tychem® 10000 FR 600T and Tychem® 10000 600T/601T have NFPA 1991 flash fire option.

# **DuPont** ProShield 10

#### Original Name: ProShield® Basic





Comfort and quality at an affordable price Spunbond-meltblown-spunbond (SMS) garments

gray in style 127

#### **COVERALL**

PB120SWHXX002500



PB120SBUXX002500

PB125SWHXX002500

PB125SBUXX002500

- Serged seams
- Collar
- Zipper closure

Serged seams Collar

Zipper closure

Storm flap

Elastic wrists

Elastic ankles

■ SM-7X

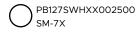
Storm flap

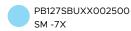
**COVERALL** 

■ SM-7X



## **COVERALL**









- Attached hood
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles







Uses include general maintenance, janitorial/ cleaning and other dirty work assignments

ProShield 10 is available in blue or white, and

# **DuPont<sup>™</sup> ProShield<sup>®</sup> 50**



## **Original Name: new garment**



Provides a barrier against a range of nonhazardous aerosols, light liquid splash and dry

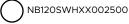
Microporous film laminated to a nonwoven fabric

Industries and applications include janitorial, sanitation, general industrial maintenance

Lighter weight and roomy design make for greater comfort and mobility

ProShield® 50 is white

#### **COVERALL**



- serged seams
- collar
- zipper closure
- storm flap
- SM-6X



#### **COVERALL**

NB125SWHXX002500

- serged seams
- collar

■ SM-6X

- zipper closure
- elastic wrists
- elastic ankles

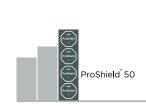


#### COVERALL



- serged seams
- attached hood (respirator fit)1
- zipper closure
- storm flap
- elastic wrists
- elastic ankles
- SM-6X







<sup>1</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck.

Seams and closures have less barrier than fabric. Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

WARNING: ProShield 10 and ProShield 50 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield 10 and ProShield 50 fabric should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

# **DuPont<sup>™</sup> ProShield<sup>®</sup> 60**

#### Original Name: ProShield NexGen®



#### **COVERALL**



NG120SWHXX002500

- Serged seams
- Collar
- Zipper closure
- SM-6X



#### **COVERALL**



NG125SWHXX002500

- Serged seams
- Collar
- Zipper closure
- Elastic wrists
- Elastic ankles
- SM-5X



#### COVERALL



NG127SWHXX0025NP

- Serged seams
- Attached hood (respirator fit)1
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- SM-7X



#### **COVERALL**



NG122SWHXX002500

- Serged seams
- Attached hood
- Zipper closure
- Elastic wrists
- Elastic ankles
- Attached skid-resistant boots
- SM-6X





Barrier against a variety of non-hazardous aerosols, liquids and dry particles

Microporous film laminated to a nonwoven fabric

Uses include automotive refinishing, waste cleanup and sanitation engineering

ProShield® 60 is white

<sup>1</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

WARNING: ProShield 60 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of ProShield 60 fabric should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

# **DuPont<sup>™</sup> ProShield<sup>®</sup> 70**





P3452SGYXX010000

Serged seams

**BOOT COVER** 

- Elastic opening
- 10" height
- ProShield® 70 fabric
- Skid resistant
- 100/cs (50 pairs)
- One size fits most



Skid-resistant material for shoe/boot covers to help prevent slipping

Provides non-hazardous liquid splash protection

ProShield® 70 is gray

**ProShield** 

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

**WARNING**: ProShield 70 should not be used around heat, flames, sparks or in potentially flammable or explosive environments.



protection of Level

# **DuPont** Tyvek 400

**Original Name: Tyvek** 





An ideal balance of protection, durability and comfort

Comfort fit design allows for a greater range of motion and fewer blowouts

Breathable inherent barrier protection against hazardous dry particles, aerosols and nonhazardous light liquid splash

Excellent abrasion resistance; protects against hazardous particles down to one micron in size

When used with other PPE, can help reduce risk of cross-contamination in pandemic response activities

#### One garment for many applications:

- General maintenance/operations
- Microcrystalline silica
- Lead abatement
- Environmental cleanup
- Agriculture
- Asbestos abatement
- Food processing
- Mold remediation
- Spray painting
- Crime scene investigation
- Wind turbine manufacturing

Tyvek® 400 is white

G1 = Reduced case quantity

NS = Non-skid material

NF = NAFTA/TAA compliant

VP = Vend packed

#### Only NF option codes are USMCA/TAA compliant.

<sup>1</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck.

Storm flaps: All standard bound and taped seam coveralls have a single storm flap with a pressuresensitive tape closure. Serged seam coveralls do not have a storm flap.

#### COVERALL

TY120SWHXX002500 MD-7X

TY120SWHXX0006G1 MD-4X

TY120SWHXX0025VP MD-7X

TY120SWHXX0025NF MD-7X

#### **★ USMCA/TAA COMPLIANT**

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic waist
- Comfort fit design



#### **★ USMCA/TAA COMPLIANT**

TY122SWHXX002500

TY122SWHXX0006G1

TY122SWHXX0025NF

TY122SWHXX0025VP

Serged seams

**COVERALL** 

MD-7X

MD-4X

MD-7X

MD-7X

- Attached hood (respirator fit)1
- Zipper closure
- Storm flap Elastic wrists
- Flastic ankles
- Elastic waist
- Attached skidresistant boots
- Comfort fit design



TY125SWHXX002500 MD-7X

TY125SWHXX0006G1 MD-4X

TY125SWHXX0025VP MD-7X

**★ USMCA/TAA COMPLIANT** 



Elastic wrists

Elastic ankles

Flastic waist

Comfort fit design

#### **COVERALL**

TY127SWHXX002500 MD-7X

TY127SWHXX0006G1 MD-4X

TY127SWHXX0025VP MD-7X

TY127SWHXX0025NF MD-7X



- Serged seams
- Attached hood (respirator fit)1
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- Flastic waist
- Comfort fit design

#### **COVERALL**

Collar



TY121SWHXX0025NS

Serged seams

Serged seams

Zipper closure

Storm flap

- Collar
- Zipper closure
- Storm flap
- Elastic wrists
- Elastic ankles
- Attached skid-resistant boots
- MD-7X



#### **COVERALL**



TY151SWHXX002500

- Serged seams
- Collar
- Snap closure
- XL-4X



Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

WARNING: Tyvek and ProShield should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek and ProShield fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur. Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

# **DuPont<sup>™</sup> Tyvek<sup>®</sup> 400**





TY210SWHXX003000 SM-7X

- TY210SWHXX0030VP MD-4X
- Serged seams
- Collar
- Snap closure



#### **FROCK**

Tvvek

TY211SWHXX003000



- Collar
- Snap closure
- Elastic wrists
- Knee length
- SM-7X



#### **FROCK**

TY216SWHXX003000



- Mandarin collar
- Snap closure
- Elastic wrists
- SM-5X



#### **SHIRT**

TY303SWHXX005000 SM-7X

TY303SWHXX0012G1 MD-4X

TY303SWHXX0050VP MD-3X

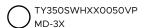
- Serged seams
- Collar
- Snap closure
- Long sleeve



#### **PANTS**

TY350SWHXX005000 SM-7X

TY350SWHXX0012G1 MD-4X



- Serged seams
- Elastic waist



#### **APRON**

TY273BWHXX010000

TY273BWHXX0100VP



- Bound seams
- Bound neck & ties
- Bib style
- 28" x 36"

HOOD

One size fits most

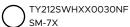


#### **LABCOAT**

TY212SWHXX003000 SM-7X

TY212SWHXX0008G1 MD-4X

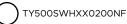
TY212SWHXX0030VP MD-4X



- **★ USMCA/TAA COMPLIANT**
- Serged seams
- Collar
- Snap closure
- Two pockets



TY500SWHXX020000



**★ USMCA/TAA COMPLIANT** 



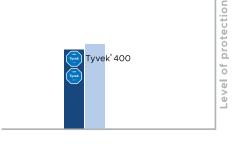
- Elastic openings
- 18" length
- One size fits most



TY657SWHXX010000



- Serged seams
- Pullover
- Elastic face opening
- Shoulder length
- One size fits most



#### Only NF option codes are USMCA/TAA compliant.

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

WARNING: Tyvek should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur. Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

# **DuPont<sup>™</sup> Tyvek<sup>®</sup> 400D**

Original Name: Tyvek DualD







Tyvek\* 400 D garments provide an ideal balance of comfort, durability and protection for workers

Comfort fit design helps enable a greater range of movement while stretching and bending

Designed for very specific applications where demanding comfort requirements are combined with limited protective requirements for frontal exposures

Well suited for workers who are involved in a variety of strenuous activities that can lead to heat stress in applications that include:

- Wind turbine manufacturing
- Composites manufacturing
- Boat manufacturing
- Remediation
- Utilities
- Maintenance
- Glass manufacturing

DuPont<sup>™</sup> Tyvek<sup>®</sup> 400 fabric on the front and hood

Tyvek fabric is composed of flashspun high-density polyethylene, which creates a unique nonwoven material available only from DuPont

Tyvek<sup>®</sup> 400 fabric provides an ideal balance of protection, durability and comfort compared to any limited-use fabric technology

Tyvek<sup>®</sup> 400 fabric's durability delivers a consistently better barrier, even after wear and abrasion

Tyvek® 400 is white

DuPont<sup>™</sup> ProShield<sup>®</sup> 10 fabric on the back

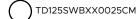
ProShield 10 fabric has been optimized for comfort, softness and breathability

ProShield® 10 fabric is designed for nonhazardous dry particle and light liquid splash applications

ProShield\* 10 is made from a polypropylene spunbond-meltblownspunbond (SMS) fabric

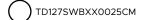
ProShield® 10 is blue

#### **COVERALL**



- Serged seams
- Collar
- Front zipper closure
- Storm flap
- Thumb loops
- Elastic wrists
- Elastic anklesFlastic waist
- MD-4X

#### **COVERALL**



- Serged seams
- Attached hood (respirator fit)<sup>1</sup>
- Front zipper closure
- Storm flap
- Thumb loops
- Elastic wrists
- Elastic ankles
- Elastic waistMD-4X

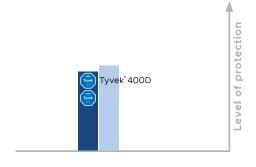


#### **PANTS**

TD350SWBXX0025CM

- Serged seams
- Elastic waist
- MD-5X





<sup>1</sup> **Respirator fit hoods** are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles

**WARNING:** Tyvek and ProShield should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek and ProShield fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

# DuPont<sup>™</sup> Tyvek<sup>®</sup> 500 HV

**Original Name: new garment** 



#### COVERALL



TY127SHVXX0025XC

- Serged seams
- Attached hood (respirator fit)1
- Zipper closure
- Storm flap
- Elastic waist
- Elastic wrists
- Elastic ankles
- Comfort fit design
- SM-6X



Tyvek 500 HV is fluorescent orange with retroreflective bands for high visibility

Tyvek

ANSI/ISEA 107 American National Standard for High-Visibility Safety Apparel (HVSA) addresses personal protective safety clothing intended to provide conspicuity during daytime, nighttime and other low-light condition usage. HVSA PPE is intended to provide conspicuity to the user in hazardous situations under any light conditions by day and under illumination by vehicle headlights in the dark or other low-light conditions.

The Tyvek 500 HV stripes/bands are oriented with a distinctive symmetric "X" on the back for additional safety.



Durability and breathability of Tyvek® Ideal when working in dangerous environments, darkness or poor weather conditions.

TY198T

# **DuPont<sup>™</sup> Tyvek<sup>®</sup> 600**



#### COVERALL



TY198TWHXX0025PI

- Taped seams
- Attached hood (respirator fit)1
- Storm flap
- Elastic wrists
- Elastic ankles
- CF certified
- Category III Type 4-B, 5-B and 6-B
- Packaged individually
- SM-7X



Tyvek® 600 garments are composed of flashspun high-density polyethylene, which creates a unique, nonwoven material available only from DuPont

Tyvek 600 Type 4/5/6 coveralls offer the following safety and comfort benefits:

- Chemical protective clothing, Category III Type 4-B, 5-B and 6-B
- Protection against infective agents (EN 14126), including resistance to penetration by blood and body fluids using synthetic blood (ISO 16603)
- Fabric and seams offer chemical permeation barrier to low concentration water-based inorganic chemicals

Tyvek® 600 is white

Tyvek

PI = Packaged individually

# **DuPont** Tyvek 800

**Original Name: new garment** 

#### COVERALL



TJI98TWHXX0025PI

- Taped seam
- Attached hood (respirator fit)1
- Storm flap
- Elastic wrists
- Elastic ankles
- CE certified
- Category III type 3-B, 4-B, 5-B and 6-B
- SM-7X



Tyvek® 800 garments combine resistance to lowconcentration, water-based, inorganic chemicals (even under pressure) with the durability of Tyvek® thanks to their innovative fabric technology and enhanced garment design

Chemical protective clothing, Category III, Type 3-B, 4-B, 5-B and 6-B

Suitable for applications such as industrial cleaning; chemical packaging and redistribution; waste treatment and disposal; environmental remediation and many others

Tyvek® 800 is white

PI = Packaged individually

<sup>1</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck.

Seams and closures have less barrier than fabric

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present. Note: Not all sizes available in all styles.

WARNING: Tyvek should not be used around heat, flames, parks or in potentially flammable or explosive environments. Garments made of Tyvek fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.



800.327.8333

107

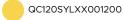
# DuPont<sup>™</sup> Tychem<sup>®</sup> 2000

Original Name: Tyvek QC





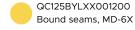
#### **COVERALL**



- Serged seams
- Collar
- Zipper closure
- Storm flap
- MD-7X



#### **COVERALL**





- Collar
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles



#### **COVERALL**



QC120BYLXX001200

- Bound seams
- Collar
- Zipper closure
- Storm flap with tape closure
- MD-6X



#### **COVERALL**



QC122SYLXX001200

- Serged seams
- Attached hood
- Front zipper closure
- Storm flap
- Elastic wrists
- Attached socks<sup>1</sup>
- MD-7X



#### Light liquid splash protection

Used extensively in the petroleum; pulp and paper; food and chemical processing; and pharmaceutical industries

Tychem® 2000 is polyethylene-coated Tyvek® fabric

Flexible, durable and lightweight

Tychem® 2000 provides at least 30 minutes of protection against >40 chemical challenges

When used with other PPE, can help reduce the risk of cross-contamination in pandemic preparedness activities

Meets ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection

Tychem® 2000 is yellow for high visibility

Only BN option codes are Berry Amendment compliant.

Please note that Tychem fabrics have different permeation performance. Please check SafeSPEC on our website for permeation data that meets your specific

Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

- <sup>1</sup> These Tychem<sup>®</sup> 2000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.
- <sup>2</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck.

Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Note: Not all sizes available in all styles.

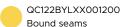
#### COVERALL



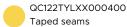
QC125SYLXX001200

- Serged seams
- Collar
- Zipper closure
- Storm flap
- Elastic wrists Flastic ankles
- MD-7X

#### **COVERALL**







- **★** BERRY AMENDMENT COMPLIANT
- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks<sup>1</sup>
- MD-6X

#### COVERALL



QC127SYLXX001200 MD-7X



QC127SYLXX0012NF

- Serged seams
- Attached hood
- Zipper closure Elastic wrists
- Elastic ankles
- MD-7X



# **TAPE**



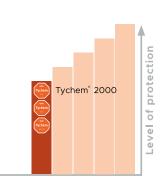
QC0990YL000012NL



■ Flexible seal ■ ~2" width

60 yds/roll 12/cs





WARNING: Tychem should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem 6000 FR and Tychem 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Users of Tychem 6000 FR and Tychem 10000 FR garments should not knowingly enter an explosive environment. Consult the Tychem user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.

# **DuPont<sup>™</sup> Tychem<sup>®</sup> 4000**

Original Name: Tyvek SL



#### COVERALL

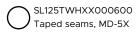
SL120BWHXX001200



- Bound seams
- Collar
- Zipper closure
- Storm flap with tape closure
- MD-6X



SL125BWHXX001200 Bound seams, MD-6X

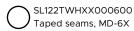


- Collar
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles



#### **COVERALL**

SL122BWHXX001200 Bound seams, MD-7X

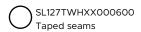


- Attached hood
- Zipper closure
  - Storm flap with tape closure
- Elastic wrists
- Attached socks<sup>1</sup>



#### **COVERALL**

SL127BWHXX001200 Bound seams



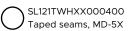
- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles
- MD-7X





#### **COVERALL**

SL121BWHXX001200 Bound seams, MD-6X



- Collar
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks¹



## **COVERALL**

SL127TWHXX000600RF



- Attached hood (respirator fit)1
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles
- MD-7X



#### Effective protection against a range of chemicals

Uses include waste management, hazardous response and nuclear environments

Tychem® 4000 is chemical barrier film laminated to Tyvek® fabric

Rugged and durable

Tychem 4000 is white for high visibility Tychem 4000 provides at least 30 minutes of protection against >120 chemical challenges

When used with other PPE, can help reduce the risk of cross-contamination in pandemic preparedness activities

Meets ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection

#### COVERALL

SL122BWHXX0012BN Bound seams, MD-4X

**★** BERRY AMENDMENT COMPLIANT



- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks<sup>1</sup>



#### Only BN option codes are Berry Amendment compliant.

Please note that Tychem fabrics have different permeation performance. Please check SafeSPEC<sup>™</sup> on our website for permeation data that meets your specific

Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore. designations are subject to change without notice.

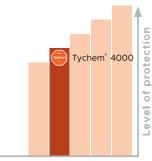
1 These Tychem 4000 FR garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

<sup>2</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. **Standard hoods** only extend to the neck.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

WARNING: Most Tychem garments, including Tychem 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem WARNING: MOST Tychem Garments, including Tychem 2000 rape, should not be used around hear, namels, sparks of in potentially radinable of explosive environments. Only Tychem 2000 rape, should not be used over primary flower from a flash fire. ProShield 6 SFR and Tychem 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flameresistant garments, included but not limited to, Nomex Essential (Nomex IIIA) or Nomex Comfort garments. In addition, for ProShield 6 SFR and Tychem 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. <u>Users of Tychem 10000 FR, Tychem 6000 FR, Tychem 2000 SFR, and ProShield 6 SFR garments should not knowingly enter an explosive environment.</u> Consult the Tychem User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem garments.



# **DuPont** Tychem 5000

Original Name: Tychem® CPF3





Strong and durable garments with broad chemical

Tychem® 5000 is a multi-layer barrier film laminated to a durable polypropylene fabric

Tychem® 5000 provides at least 30 minutes of protection against >145 chemical challenges

Uses include chemical and petrochemical handling, hazardous materials/waste cleanup, industrial HazMat teams, utilities and domestic preparedness

Tychem® 5000 is tan for discretionary purposes

Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC™ on our website for permeation data that meets your specific needs.

Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

<sup>1</sup>These Tychem® 5000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering

2Respirator fit hoods are designed with a longer zipper. extending to the chin for complete coverage of the neck area.  $\textbf{Standard hoods} \ \text{only extend to the neck.}$ 

Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric

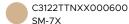
Note: Not all sizes available in all styles.

WARNING: Most Tychem® garments, including Tychem® 2000

#### COVERALL



**★** BERRY AMENDMENT COMPLIANT



- Taped seams
- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Attached socks1

# **COVERALL**



- Taped seams
- Attached hood
- Zipper closure
- Storm flap with tape closure
- Elastic wrists
- Elastic ankles



Front entry

## **COMBO SUIT (JACKET AND BIB OVERALL)**

C3750TTNXX000600 MD-4X

#### **JACKET**

- Taped seams
- Mandarin collar
- Zipper closure
  - Jam fit cuff
- Double storm flaps

## **BIB OVERALL**

- Taped seams Adjustable webbing
- Straps with closure

#### **ENCAPSULATED LEVEL B**



- Front entry
- Taped seams
- Standard faceshield (20 mil PVC)
- Zipper closure
- Double storm flaps with
- Hook-and-loop closure
- One exhaust vent
- Flat back (airline
- Elastic wrists
- Elastic ankles
- access)
- Air access left side

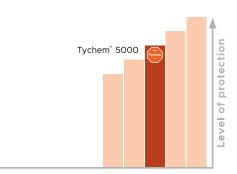
#### **ENCAPSULATED LEVEL B**



- Rear entry
- Taped seams
- Standard faceshield (20 mil PVC)
- Zipper closure
- Double storm flaps with
- Hook-and-loop closure
- One exhaust vent
- Flat back (airline access)
- Elastic wrists
- Attached socks1
- Outer boot flaps



Rear entry



Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem 6000 FR and Tychem 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield 6 SFR and Tychem 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flameresistant garments, included but not limited to, Nomex Essential (Nomex IIIA) or Nomex Comfort garments. In addition, for ProShield 6 SFR and Tychem 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem 10000 FR, Tychem 6000 FR, Tychem 2000 SFR, and ProShield 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem garments.

# **DuPont<sup>™</sup> Tychem<sup>®</sup> 6000 FR**

# Original Name: Tychem® ThermoPro

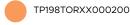




COVERALL-**CERTIFIED TO NFPA 1992 AND MEETS NFPA 70E° CATEGORY 2** 

Tvchem







TP199TORXX000200

TP198TORXX0002BN **★ BERRY AMENDMENT** 





- Taped seams
- Attached hood with drawstring (respirator fit)1
- Zipper closure
- Double storm flaps with hookand-loop closure
- Elastic wrists
- Hemmed ankles
- SM-5X



- Attached hood with drawstring (respirator fit)1
- Zipper closure
- Double storm flaps with hook-and-loop closure
- Elastic wrists
- Attached socks2
- Outer boot flaps
- SM-5X



#### Flame-resistant (FR)

**TP198T** 

Provides triple hazard protection from chemicals. flash fire and electric arc, combining the trusted chemical protection of Tychem® with the flame and arc flash protection of Nomex into a single

Tychem® 6000 FR 198T/199T are certified to NFPA 1992 Standard on Liquid-Splash Protective **Ensembles and Clothing for Hazardous Materials Emergencies** 



Tychem® 6000 FR 198T/199T exceed the Hazard Risk Category 2 requirement of 8 cal/cm<sup>2</sup> outlined in NFPA 70E°, Standard for Electrical Safety in the Workplace

Constructed for heavy use, yet lightweight and easy to wear Tychem® 6000 FR provides at least 30 minutes of protection against >180 chemical challenges

Tychem® 6000 FR has an arc rating of 15 cal/cm2

Tychem® 6000 FR is orange for high visibility

#### Only BN option codes are Berry Amendment compliant.

Please note that Tychem fabrics have different permeation performance. Please check SafeSPEC for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

<sup>1</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck.

 $^{2}$  These Tychem $^{^{\circ}}$  6000 FR garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles

Warning: Most Tychem garments, including Tychem 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem 6000 FR and Tychem 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield 6 SFR and Tychem 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flameresistant garments, included but not limited to, Nomex Essential (Nomex IIIA) or Nomex Comfort garments. In addition, for ProShield 6 SFR and Tychem 2000 SFR hooded garments, primary flame-resistant hood/balaclava should be worn. Users of Tychem 10000 FR, Tychem 6000 FR, Tychem 2000 SFR, and ProShield 6 SFR garments should not knowingly enter an explosive environment. Consult the Tychem "User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem garments.

# DuPont Tychem 10000

# Original Name: Tychem® TK





Premium protection against toxic and corrosive gaseous, liquid and solid chemicals

Leading garment chosen by Hazmat responders worldwide

Extremely durable, puncture- and tear-resistant fabric

Wide range of garment styles, including totally encapsulated, vapor protective Level A and liquid-splash protective Level B suits

Tychem® 10000 provides at least 30 minutes of protection against >320 chemical challenges

Tychem® TK612T/613T certified to NFPA 1994 Class 2, Standard on Protective Ensembles for First Responders to Hazardous Materials **Emergencies and CBRN Terrorism Incidents** 



Tychem® 10000 is lime yellow for high visibility

All Tychem® 10000 encapsulated suits are USMCA/TAA compliant

All Tychem® 10000 encapsulated Level A suits are made in the USA

Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC<sup>™</sup> for permeation data that meets your specific needs.

Stock/make to order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

<sup>1</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck

<sup>2</sup> These Tychem 10000 garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

#### **COVERALL**



TK128TLYXX000200

**★ USMCA/TAA COMPLIANT** 

- Taped seams
- Attached hood (respirator fit)1
- Zipper closure
- Double storm flaps with
- tape closure
- Elastic wrists
- Attached socks<sup>2</sup>
- Outer boot flaps with elastic
- SM-6X

#### **ENCAPSULATED LEVEL A**



TK555TLYXX000100 MD-4X



TK555TLYXX00015C MD-4X



TK555TLYXX00017S MD-4X



- Rear entry
- Double taped seams
- EX (extra-wide) three-layer faceshield (PVC 40 mil/Teflon<sup>™</sup> 5 mil/PVC 20 mil)
- Gas-tight PVC zipper closure
- Double storm flaps with hook-and-loop closure
- Two exhaust valves
- Expanded back
- Internal adjustment belt
- Attached internal multi-layer laminate aloves
- Attached outer butyl or Viton<sup>™</sup> gloves
- Knee wear pads
- Attached socks<sup>2</sup>
- Outer boot flaps with elastic

#### **ENCAPSULATED LEVEL A**



TK554TLYXX000100 MD-4X



TK554TLYXX00015C MD-4X



TK554TLYXX00017S MD-4X





- Double taped seams
- EX (extra-wide) three-layer faceshield (PVC 40 mil/Teflon<sup>™</sup> 5 mil/PVC 20 mil)
- Gas-tight PVC zipper closure
- Double storm flaps with hook-and-loop closure
- Two exhaust valves
- Expanded back
- Internal adjustment belt
- Attached internal multi-layer laminate aloves
- Attached outer butyl or Viton<sup>™</sup> gloves
- Knee wear pads
- Attached socks<sup>2</sup>
- Outer boot flaps with elastic

## **ENCAPSULATED LEVEL A**



TK552TLYXX00017R LG-2X

- **★ USMCA/TAA COMPLIANT**
- **BERRY AMENDMENT** COMPLIANT
- Front entry
- Double taped seams Standard three-layer faceshield (PVC 40 mil/Teflon<sup>™</sup> 5 mil/ PVC 20 mil)
- Gas-tight PVC zipper closure
- Double storm flap with hook-andloop closure
- Two exhaust valves
- Internal adjustable belt
- Flat back
- Attached butyl outer/multi-layer laminate internal gloves
- Attached socks
- Outer boot flaps with elastic

Storm flaps: All taped seam coveralls have a storm flap or double storm flap, see product description for details.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles

Warning: Most Tychem® garments, including Tychem® 2000 Tape, should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Only Tychem 6000 FR and Tychem 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. ProShield 6 SFR and Tychem 2000 SFR garments offer secondary flame resistance and are designed to be used over primary flameresistant garments, included but not limited to, Nomex Essential (Nomex IIIA) or Nomex Comfort garments. In addition, for ProShield 6 SFR and Tychem 2000 SFR hooded garments, primary flame-resistant hood/ balaclava should be worn. <u>Users of Tychem 10000 FR, Tychem 6000 FR, Tychem 2000 SFR, and ProShield 6 SFR garments should not knowingly enter an explosive environment.</u> Consult the Tychem User Manual, located on our website, for instructions on proper use, care and maintenance of your Tychem® garments.





# **DuPont**<sup>™</sup> **Tychem**<sup>®</sup> **10000**

# Original Name: Tychem® TK



#### **ENCAPSULATED LEVEL B**



TK527TLYXX0001BN SM-4X

- **★ USMCA/TAA COMPLIANT**
- **★** BERRY AMENDMENT COMPLIANT
- Front entry
- Taped seams
- Standard faceshield (40 mil PVC) Zipper closure
- Double storm flaps with hookand-loop closure
- Two exhaust vents
- Expanded back
- Elastic wrists
- Attached socks<sup>1</sup>
- Outer boot flaps with elastic

# **ENCAPSULATED LEVEL A— CERTIFIED TO NFPA 1994 CLASS 2**



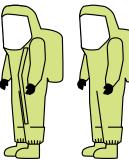
Tvchem











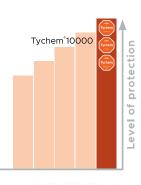


TK613T Rear entry

**★ USMCA/TAA COMPLIANT** 

- Double taped seams
- EX (extra-wide) three-layer faceshield (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil)
- Gas-tight zipper closure
- Double storm flap
- Two exhaust valves
- Expanded back
- Attached two-layer gloves (multi-layer laminate/neoprene)
- Attached socks<sup>1</sup>
- Outer boot flaps with elastic

Tvchem



# **DuPont<sup>™</sup> Tychem<sup>®</sup> 10000 FR**

# Original Name: Tychem® Reflector®

"Single skin" garment offers broad chemical holdout Ideally suited for industrial and HazMat situations

Chemical protection in one garment that is easy to don and doff

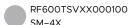
Tychem® 10000 FR provides at least 30 minutes of protection against >290 chemical challenges

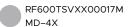
Certified to NFPA 1991, with flash fire escape and liquefied gas options

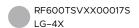
Tychem® 10000 FR is high-visibility silver

All Tychem® 10000 FR suits are NAFTA/TAA compliant

# **FULLY ENCAPSULATED LEVEL A** TYCHEM® 10000 FR— CERTIFIED TO **NFPA 1991**







RF600TSVXX00017N I G-4X

**★ USMCA/TAA COMPLIANT** 

- Front entry
- Double taped seams
- Three-layer (PVC 40 mil/Teflon™ 5 mil/PVC 40 mil) faceshield
- Gas-tight zipper closure
- Double storm flaps with hookand-loop closure
- Two Pirelli® exhaust valves





- Expanded back
- Glove liners
- Multi-layer attached gloves (multi-layer laminate/ neoprene/ Kevlar® knit)
- Attached socks1
- Outer boot flaps

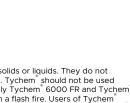
Please note that Tychem® fabrics have different permeation performance. Please check SafeSPEC on our website for permeation data that meets your Stock/Make to Order designations are based on

sales volume and production efficiencies. Therefore, designations are subject to change without notice. <sup>1</sup> These Tychem<sup>®</sup> garments have attached socks made

of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

Seams and closures have less barrier than fabric

WARNING: 1) Suits do not provide thermal skin protection for direct contact with hot solids or liquids. They do not provide protection from continuous radiant heat sources such as furnaces or smelters. Tychem should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Only Tychem 6000 FR and Tychem 10000 FR garments are designed and tested to help reduce injury during escape from a flash fire. Users of Tychem 6000 FR and Tychem 10000 FR garments should not knowingly enter an explosive environment. Consult the Tychem user manual, located on our website, for instructions on proper use, care and maintenance of your Tychem garments.



RF600T





# **PROTECTIVE APPAREL**

Disposable protective apparel is essential where clothing might be contaminated with potentially dangerous liquids or airborne items that make using them more than once a hazard. OSHA encourages the use of disposable safety apparel as long as it provides the required level of protection for the wearer. Disposable gloves and coveralls can be used and then thrown away. This saves time cleaning and protects against contamination. Disposable PPE is also very convenient and suited for occasional use, and because it's disposable you don't have to worry about damaging or dirtying it.

The main benefits of disposable safety apparel include:

- Reduce risks of contamination spreading after working in hazardous environments
- Generally more cost effective and durable for short term PPE use
- Throw away the disposable PPE after use
- Easy to keep a large stock of disposable PPE to provide to guests and site visitors



Liberty Safety, you can select from a wide assortment of affordable, disposable safety apparel made by the APA® brand including coveralls, hooded protective suits, accessories, and more. From medical care workers to general cleaning, you'll find protective workwear for any work environment.



PermaGard $^{\text{TM}}$  is a general purpose protective clothing that can be used in any non-hazardous application to protect against dirt, light liquid splashes, and particles.



 $ProGard^{\intercal M} \ is \ made \ with \ a \ durable \ material \ that \ provides \ non-hazardous \ particulate \ protection \ while \ offering \ excellent \ breathability.$ 



 $\mathsf{PolyGard}^\mathsf{TM}$  is the most economical solution for general applications.



PureGard $^{\text{TM}}$  is an economical alternative for excellent splash protection against light non-hazardous liquids.

# **ALLGARD® PROTECTIVE APPAREL FEATURES**





# **BACK CONSTRUCTION**



# **RAGLAN BACK CONSTRUCTION**

Creates stronger seams for a wider range of arm movement, which has less exposure than standard sewing constuction.



**CAPE BACK** 

For quick moisture discharge.



PP SPUNBOUND BACK

For continuous breathable comfort.

# STITCHING CONSTRUCTION



#### **STITCHING**

Each inch of seam has 7 stitches that give the suit added strength at the seams and better particulate barrier protection.



#### **SERGED SEAMS**

Four threads are interlocked to form a strong seam. This is the standard method to attach 2 raw edges together.



**BOUND SEAMS** 

A serged seam with an added outer binding for strength and extra splash barrier.

# **CHOOSING THE RIGHT SUIT FOR THE JOB**

	PermaGard  or Marca ** Francisco Alabar**	ProGard	<b>Poly</b> Gard*	PureGard
VIRAL & BLOOD PENETRATION PROTECTION	N/A	N/A	N/A	N/A
WATERPROOF	N/A	N/A	N/A	N/A
NON-HAZARDOUS SPLASH PROTECTION		N/A	N/A	
NON-HAZARDOUS VAPOR PROTECTION			N/A	
NON-HAZARDOUS PARTICULATE PROTECTION				
AVAILABLE FEATURES				
SERGED SEAM				
BOUND SEAM	AVAILABLE	N/A	N/A	N/A
CAPE BACK	AVAILABLE	N/A	N/A	N/A
PP SPUNBOUND BACK	AVAILABLE	N/A		N/A
STORM-FLY FRONT			N/A	N/A

<sup>\*</sup>This chart has been provided as a reference for recommended use only.



#### MICRO-POROUS FILM OVER SPUNBONDED POLYPROPYLENE

PermaGard<sup>™</sup> is a general purpose protective material that can be used in any non-hazardous applications to protect against dirt, light liquid splashes and particles.

## PROPERTIES OF PERMAGARD® APPAREL FABRIC

PHYSICAL PROPERTY	UNIT	TEST METHOD	RESULT
Basic Weight	(g/m2)	ASTM D3776	63
Tensile Grab-Method -MD / -CD	lbs	ASTM D5034	171.9 98.2
Elongation Grab-Method -MD / -CD	%	ASTM D5034	58.4 75.5
Bursting Strength	psi	AATCC 127	39.8
Water Resistance <resistance by="" penetration="" to="" water=""> Hydrostatic Head</resistance>	mmH2O	mmH2O	746.6
M.V.T.R <moisture rate="" transmission="" vapor=""></moisture>	g/m2/24 hours	ASTM E96	4330
Air Permeability	Mm/sec	ASTM D737	1.69

#### **CHEMICAL TEST DATA** (Measured per ASTM F903)

CHEMICAL	RESULT
Bleached 5% (household)	Pass
Hydraulic Jack Oil	Pass
Isocyanate Based Paint Hardener (DuPont 792S)	Pass
Motor Oil (40W)	Pass
Muriatic Acid	Pass
PVC Purple Primer	Pass
Sodium Hydroxide	Pass
Malathion	Pass



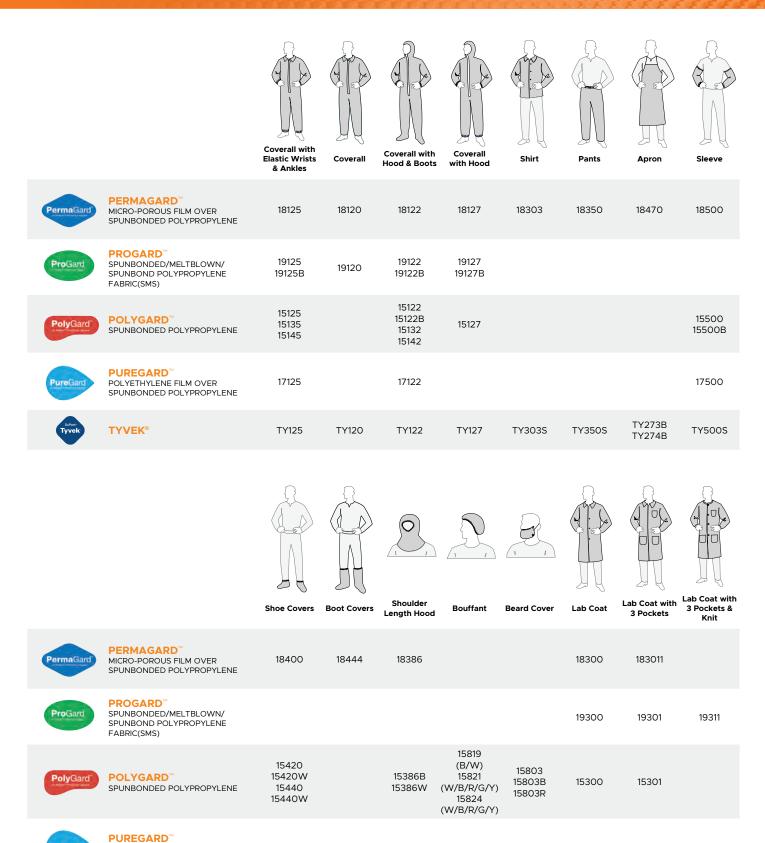
 $\operatorname{ProGard}^{^{\mathrm{m}}}$  is a strong and durable 3-layered material that provides non-hazardous particulate protection while offering excellent breath-ability and comfort.

# PROPERTIES OF PROGARD® APPAREL FABRIC

PHYSICAL PROPERTY	UNIT	TEST METHOD	RESULT
Basic Weight	(g/m2)	ASTM D3776	50
Tensile Grab-Method -MD / -CD	lbs	ASTM D5034	25 18
Elongation Grab-Method -MD / -CD	%	ASTM D5034	50 50
Trap Tear (-MD / -CD)	lbs	IST100.2	97
Hydrostatic Head	mmH2O	AATCC 127	350
Bursting Strength	psi	ISO 2578	45
Air Permeability	Mm/sec	ASTM D737	70
Static Decay	Sec	IST 40.2	<0.5

Sources for all test data were performed in independent laboratories. All tests were performed under laboratory conditions and not under actual use. Tests are performed on material samples, not actual garments.





17301

**TY212S** 

**TY213S** 

**TY210S** 

TY450S

TY454S

TY657S

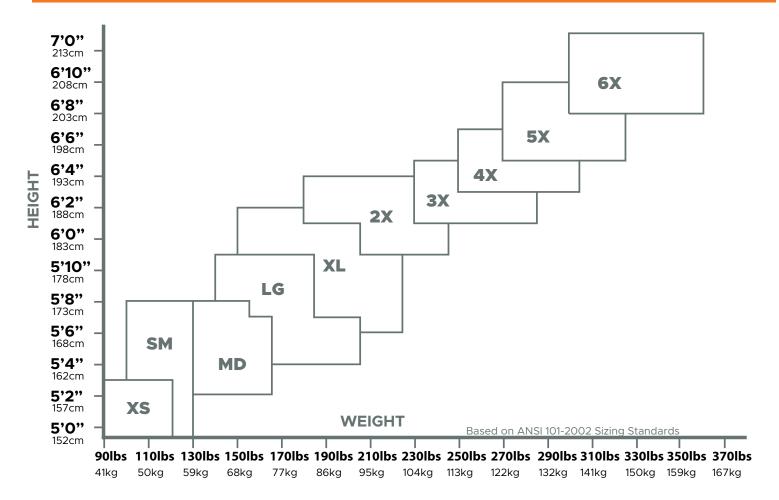
TY667S

POLYETHYLENE FILM OVER

**TYVEK**®

SPUNBONDED POLYPROPYLENE





#### WARNING

There are certain applications, chemicals, and environments which AllGard Protective Apparel are not suitable for. It is always the responsibility of the user to determine risk, review and understand available data to assess the appropriate use of the apparel for a particular application, and perform "on-site" testing before putting the product to actual use. The manufacturer, distributor, and sales representative do not accept responsibility for the user's choice of product against any particular risk.

#### CAUTION

These products are not intended for fire protection. Avoid open flames, sparks, and intense heat.

## **WARRANTY / LIMITATION OF DAMAGES**

Since the condition of use is beyond the scope and control of AllGard Protective Apparel Company, APA makes no further warranties of any kind, expressed or implied, oral or written, including, without limitations, no warranties of fitness for a particular purpose. The sole and exclusive remedy for users and purchasers for any and all claims, injuries, losses, or damages arising from APA Apparel and accessories found to contain a manufacturing defect upon inspection by APA shall not exceed the purchase price of the product. In addition, in no event shall APA be liable for any special, incidental, consequential, indirect, or punitive damages arising from breach of contract, tort, warranty, manufacturing defect, or any other cause that exceeds the purchase price of the product. Claims must be received by APA within 90 days of the date the apparel or accessory was shipped to the user or purchaser to be considered for remedy. Warranty, at APA's sole discretion, may be in the form of replacement, refund, or repair of the product.

PermaGard<sup>™</sup>, ProGard<sup>™</sup>, PureGard<sup>™</sup>, and PolyGard<sup>™</sup> are trademarks of AllGard<sup>™</sup> Protective Apparel.



#### **COVERALL WITH HOOD**

# 18127

Sizes: M-4XL

- Serged seams
- Attached hood
- Elastic wrists, waist, and ankles
- Front zipper with storm fly
- Closure at chin
- 25 pieces/box

## **APPLICATIONS**

Agriculture | Asbestos Abatement | Environmental Clean Up Food Processing | General Maintenance | Spray Painting

PermaGard\*

# MICRO-POROUS FILM OVER SPUNBONDED POLYPROPYLENE

- Strong durable material
- Non-hazardous particulate protection
- Breathable material
- Minimal lint
- Anti-static



#### **COVERALL WITH ELASTIC WRISTS & ANKLES**

#### 18120

Sizes: M-5XL

- Serged seams
- Collar
- Elastic wrists
- Front zipper with storm fly
- 25 pieces/box



# COVERALL WITH HOOD & BOOTS

# 18122

Sizes: M-4XL

- Serged seams
- Attached hood and boots
- Elastic wrists, waist, and ankles
- Front zipper with storm fly
- 25 pieces/box



# COVERALL WITH ELASTIC WRISTS & ANKLES

# 18125

Sizes: S-5XL

- Serged seams
- Collar
- Elastic wrists, waist, and ankles
- Front zipper with storm fly
- 25 pieces/box



# LAB COAT WITH POCKETS

## 18301

Sizes: S-4XL

- Serged seams
- Collar
- 3 pockets
- Snap front closure
- 30 pieces/case



# **LAB COAT**

## 18300

Sizes: M-4XL

- Serged seams
- Collar
- Snap front closure
- 30 pieces/case



# **APRON**

# 18470

- Serged seams
- Bib style
- Bound neck strap and ties
- Dimension: 28" x 36"
- 100 pieces/case





# **SHIRT**

## 18303

Sizes: L-3XL

- Serged seams
- Collar
- Long sleeve
- Snap front closure
- 50 pieces/case



# **PANTS**

## 18350

Sizes: M-3XL

- Serged seams
- Elastic waist
- 50 pieces/case



# **SLEEVES**

## 18500

- Serged seams
- 18" length
- Elastic top
- Elastic wrists
- 200 pieces/case





# **BOOT COVER**

# 18444

- Serged seams
- 18" length
- Elastic top
- Mens large
- 100 pieces/case





# **SHOE COVER**

# 18440

 $\textbf{Sizes:} \ L\text{-}XL$ 

Serged seams

200 pieces/case

■ Elastic top



# HOOD

## 18386

- Serged seams
- Elastic face
- Shoulder length
- 100 pieces/case









#### **COVERALL WITH HOOD**

# 19127

Sizes: S-4XL

- Serged seams
- Attached hood
- Elastic wrist, waist, and ankles
- Zipper front closure with storm-fly
- Closure at chin
- 25 pieces/case

#### **APPLICATIONS**

Agriculture | Asbestos Abatement | Environmental Clean Up Food Processing | General Maintenance | Spray Painting

# SPUNBONDED/MELTBLOWN/ SPUNBONDED POLYPROPYLENE (SMS)

**Pro**Gard

- General purpose
- Non-hazardous applications to protect against dirt, light liquid splashes, and particles



#### **COVERALL WITH OPEN WRISTS & ANKLES**

## 19120

Sizes: M-4XL

- Serged seams
- Collar
- Elastic waist
- Zipper front closure with storm-fly
- 25 pieces/case



#### **COVERALL WITH ELASTIC WRISTS & ANKLES**

## 19125

Sizes: M-6XL

- Serged seams
- Collar
- Elastic wrist, waist, and ankles
- Zipper front closure with storm-fly
- 25 pieces/case



# **BLUE COVERALL WITH ELASTIC WRISTS & ANKLES**

## 19125B

Sizes: M-4XL

- Serged seams
- Collar
- Elastic wrist, waist, and ankles
- Zipper front closure with storm-fly
- 25 pieces/case

# **APPLICATIONS**

Janitorial | General Maintenance



# **COVERALL WITH HOOD & BOOTS**

#### 19122

Sizes: M-4XL

- Serged seams
- Attached hood and boots
- Elastic wrist, waist, and ankles
- Zipper front closure with storm-fly
- Closure at chin
- 25 pieces/case



# **BLUE COVERALL WITH HOOD & BOOTS**

#### 19122B

Sizes: M-4XL

- Serged seams
- Attached hood and boots
- Elastic wrist, waist, and ankles
- Zipper front closure with storm-fly
- Closure at chin
- 25 pieces/case



# **BLUE COVERALL WITH HOOD**

#### 19127B

Sizes: M-4XL

- Serged seams
- Attached hood
- Elastic wrist, waist, and ankles
- Zipper front closure with storm-fly
- Closure at chin
- 25 pieces/case



# **BLUE FR COVERALL** WITH ELASTIC **WRISTS & ANKLES**

## FR19125B

Sizes: L-5XL

- Self-extinguishing material
- Serged seams
- Collar
- Elastic waist
- Zipper front closure with storm-fly
- 25 pieces/case
- Anti-static



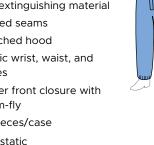
# HOOD FR19127B

Sizes: M-4XL

Self-extinguishing material

**COVERALL WITH** 

- Serged seams
- Attached hood
- Elastic wrist, waist, and ankles
- Zipper front closure with storm-fly
- 25 pieces/case
- Anti-static



**BLUE FR DISPOSABLE** 

# **LAB COAT**

#### 19300

Sizes: M-4XL

- Serged seams
- Collar
- Snap front closure
- 30 pieces/case



# SELF EXTINGUISHING TREATED MATERIAL

# **LAB COAT WITH POCKETS**

#### 19301

Sizes: M-4XL

- Serged seams
- Collar
- 3 pockets
- Snap front closure
- 30 pieces/case





# **LAB COAT WITH POCKETS, KNIT COLLAR & CUFF**

#### 19311

Sizes: S-4XL

- Serged seams
- Knit collar
- Knit cuff
- 3 pockets
- Snap front closure
- 25 pieces/case



# **BLUE LAB COAT** WITH POCKETS, KNIT **COLLAR & CUFF**

# 19311B

Sizes: S-4XL

- Serged seams
- Knit collar
- Knit cuff
- 3 pockets
- Snap front closure
- 25 pieces/case





HEAVY WEIGHT COVERALL WITH ELASTIC WRISTS & ANKLES

**Poly**Gard

# 15145

Sizes: L-5XL

- Serged seams
- Collar
- Elastic wrists and ankles
- Zipper front closure
- 25 pieces/case

**APPLICATIONS** 

Spray Painting | Sun Dry Applications

# SPUNBONDED POLYPROPYLENE

- Economical solution
- Breathable material
- Non-hazardous particulate protection



# HEAVY WEIGHT COVERALL WITH ELASTIC WRISTS WITH HOOD & BOOTS

#### 15142

Sizes: L-3XL

- Serged seams
- Attached hood and boots
- Elastic wrists
- Front zipper with storm fly
- 25 pieces/box

RELATED

**15132:** Light weight coverall with boots & hood, Sizes: M-4XL

**APPLICATIONS** 

Agriculture | Food Processing | Environmental Clean-Up

# STANDARD WEIGHT COVERALL WITH ELASTIC WRISTS WITH HOOD & BOOTS

#### 15122

Sizes: S-6XL

- Serged seams
- Attached hood and boots
- Elastic wrists
- Zipper front closure
- Closure at chin
- 25 pieces/case



# STANDARD WEIGHT COVERALL WITH ELASTIC WRISTS & ANKLES

#### 15125

Sizes: M-6XL

- Serged seams
- Collar
- Elastic wrists
- Elastic ankles
- Zipper front closure
- 25 pieces/case



**MEDIUM WEIGHT** 

# **COVERALL WITH ELASTIC WRISTS & ANKLES**

#### 15135

Sizes: M-3XL

- Serged seams
- Collar
- Elastic wrists
- Elastic ankles
- Zipper front closure
- 25 pieces/case



**MEDIUM WEIGHT** 

# **COVERALL WITH HOOD & BOOTS**

#### 15132

Sizes: L-3XL

- Serged seams
- Attached hood
- Attached boots
- Elastic wrists
- Zipper front closure
- Closure at chin
- 25 pieces/case



**MEDIUM WEIGHT** 

# **SLEEVES**

15500 White

- **15500B** Blue Serged seams
- Elastic top
- Elastic wrists
- 18" length
- 500 pieces/case





**MEDIUM WEIGHT** 

# LAB COAT

# 15300 **15300B** Blue

Sizes: S-5XL

- Serged seams
- Collar
- Elastic wrists
- Snap front closure
- 30 pieces/case



**MEDIUM WEIGHT** 

# LAB COAT WITH **POCKETS**

15301

Sizes: M-3XL

- Serged seams
- Collar
- Elastic wrists
- 3 pockets
- Snap front closure
- 30 pieces/case



# **POLYPROPYLENE** HOOD

**15386W** White 15386B Blue



- Made from 100% polypropylene
- Bouffant and beard cover all-in-one
- 100 pieces/bag, 10 bags/case



# **WHITE SHOE COVER**

15440W Light weight, Sizes: L 15420W Standard weight,

Sizes: L-XL

- Non-skid tread
- Elastic top
- 100 pieces/dispenser, 4 dispensers/case



# **BLUE SHOE COVER**

15440 Standard weight, Sizes: L-2XL

15420 Light weight. Sizes: L-XL

- Non-skid tread
- Elastic top
- 100 pieces/dispenser, 4 dispensers/case



# **BLUE BEARD COVER**

15803B 15803 White 15803R Red

■ 1000 pieces/case

ALSO AVAILABLE: 158035 500 pieces/case









## **SLEEVES**

#### 17500

- Serged seams
- Elastic top
- Elastic wrists
- 18" length
- 500 pieces/case

**APPLICATIONS** 

General Maintenance | Spray Painting



# **POLYETHYLENE FILM OVER** SPUNBONDED POLYPROPYLENE

PureGard'

- Economical solution
- Splash protection against light non-hazardous liquids
- Breathable material



## **COVERALL WITH ELASTIC WRISTS** & ANKLES

## 17125

Sizes: M-4XL

- Serged seams
- Collar
- Elastic wrists and ankles
- Zipper front closure
- 25 pieces/case



**COVERALL WITH ELASTIC WRISTS WITH HOOD & BOOTS** 

# 17122

Sizes: L-3XL

- Serged seams
- Attached hood and boots
- Elastic wrists
- Zipper front closure
- Closure at chin
- 25 pieces/case



# **BLUE SHOE COVER**

# 17440

Sizes: L-2XL

- Polyethylene
- Elastic top
- Blue

#### **APPLICATIONS** Food Processing | Maintenance





WARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

**D**URAMASK<sup>®</sup>

RESPIRATORY PROTECTION

RESPIRATORY PROTECTION

Liberty Safety offers the Duramask<sup>™</sup> brand as a reliable solution for mask requirements and worker wellness. Duramask<sup>™</sup> protective respirators are designed with comfort and respiratory safety in mind. It's protection that allows you to breathe easily.

Because they are designed to help reduce the wearer's exposure to airborne particles and unwanted particulates, wearing a face mask helps keep everyone safe in possibly contaminated environments.







1895N/V

# **PARTICULATE RESPIRATORS**

## 1895N

- N95 NIOSH approved fabric wrapped elastic head band
- Adjustable aluminum nose bridge
- Two head straps for maximum protection
- NIOSH approved product tested for fluid resistance and filtration efficiency
- 10 pieces per box, 12 boxes per case

**RELATED** 

1895NV: With exhalation valve

**APPLICATIONS** Environments with non-oil-based products



# **NUISANCE MASKS**

## 1890

- Polypropylene spunbond
- Single loop
- Fabric wrapped elastic head
- Adjustable aluminum nose piece
- 50 pieces per box, 20 boxes per case

**APPLICATIONS** General Purposes | Maintenance





# **3-PLY FACE MASKS**

## 1891

Polypropylene spunbond

. AseMerud

- 3-Ply face mask, ear loop
- Fabric wrapped elastic head strap
- Adjustable aluminum nose
- 50 pieces per box, 20 boxes per case
- Compliant with ASTM level 1

**RELATED 1891BK:** Black

**APPLICATIONS** 

Environments with minimal fluid exposure



# **DURASHELL**

# **HEAD PROTECTION**

Head protection used as PPE is made of a hard outer shell designed to take an impact and minimize the effects of the force on the skull.

Liberty Safety's DuraShell® hard hats and bump hats provide a critical safeguard in your work environments. Its excellent head protection that promises an outstanding fit, comfort, and uncompromising safety.



Universal accessory

Customized printing for hard hats are available. Contact your customer service representative for more details.



#### **RATCHET SYSTEM**

# slots fit cap mounted ear muffs and accessories Ratchet sizing knob

PVC brow foam pad

Double layers of nylon crown strap for stronger protection

Overhead PVC pad for more comfort

Vertical heights adjustment

## **PINLOCK SYSTEM**



#### **REPLACEMENT SUSPENSION**

RS1404: 4-Point Ratchet Suspension PS1404: 4-Point Pinlock Suspension

RS1406: 6-Point Ratchet Suspension PS1406: 6-Point Pinlock Suspension



4-Point Pinlock Suspension



Hard Hat Full Brim Style 6-Point Ratchet Suspension



4-Point Ratchet Suspension



Hard Hat Full Brim Style 6-Point Pinlock Suspension 4-Point Pinlock Suspension



6-Point Pinlock Suspension



**Bump Cap Style** 



6-Point **Ratchet Suspension** 



ST1400 Chin Strap

# **CAP STYLE** HARD HAT

## 1404

- Shell constructed from high density polyethylene
- Low profile design with pillow brow pad and top ribbon pad for comfort
- DuraShell® suspension is designed for easier adjustments by the wearer
- Rain trough on sides and back of helmet channel moisture away
- Cap style available in 4-point and 6-point suspensions

# **APPLICATIONS**

Construction | Warehouse











TYPE	4-POINT PINLOCK	6-POINT PINLOCK	4-POINT RATCHET	6-POINT RATCHET
WHITE	1404PW	1406PW	1404RW	1406RW
YELLOW	1404PY	1406PY	1404RY	1406RY
RED	1404PR	1406PR	1404RR	1406RR
BLUE	1404PB	1406PB	1404RB	1406RB
HI-VIS GREEN	1404PHG		1404RHG	1406RHG
ORANGE	1404PHO		1404RHO	1406RHO
GREEN			1404RGN	
PINK			1404RP	

# **VENTED CAP STYLE HARD HAT**

# 1426R

- Shell constructed from high density polyethylene
- Low profile design with pillow brow pad and top ribbon pad for comfort
- DuraShell® suspension is designed for easier adjustments by the wearer
- Rain trough on sides and back of helmet channel moisture away
- Vented cap style available in 6-point ratchet suspensions

# **APPLICATIONS**

Construction | Warehouse











# FULL BRIM STYLE HARD HAT

## 1416

- Shell constructed from high density polyethylene
- Low profile design with pillow brow pad and top ribbon pad for comfort
- DuraShell® suspension is designed for easier adjustments by the wearer
- Full brim style available in 6-point ratchet suspensions

#### **APPLICATIONS**

Construction | Demolition | Mining | Oil Rigs













TYPE	WHITE	YELLOW	RED	BLUE	HI-VIS GREEN	HI-VIS ORANGE
6-POINT RATCHET	1416RW	1416RY	1416RR	1416RB	1416RHG	1416RHO



# NON-ANSI BUMP CAP

#### 1400

- Shell constructed from high density polyethylene
- Light weight working cap where hard hats are not required
- DuraShell<sup>®</sup> 4-point glide pinlock suspension is designed for easier adjustments by the wearer
- Air holes on both sides of cap for ventilation
- DuraShell® bump caps are not designed to meet the safety standards for industrial head protection

# **APPLICATIONS**

Food Processing | Manufacturing | Warehouse

WHITE	RED	BLUE	BROWN	GREEN	GRAY	ORANGE	YELLOW
1400W	1400R	1400B	1400BR	1400GN	1400GY	1400HO	1400Y



# **NON-ANSI**

# **BASEBALL BUMP CAP**

#### 1410

- All-in-one bump cap and baseball cap
- Inner foam cushion for extended wear
- Adjustable hook and loop strap for a secure fit
- Air holes on both sides of cap for ventilation
- DuraShell<sup>®</sup> baseball bump caps are not designed to meet the safety standards for industrial head protection

## **APPLICATIONS**

Ideal in areas where ANSI compliant hard hats are not required

BLACK	K BLUE	ORANGE	HI-VIS YELLOW	
1410BK	1410BL	1410HO	1410HY	



FOOT PROTECTION

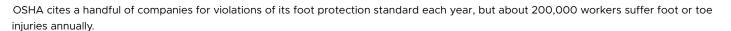
# **FOOT PROTECTION**

Designed to keep your feet dry and protected in wet environments, Liberty Safety offers DuraWear<sup>™</sup> foot protection in a variety of boot styles that are slip-resistant and made to last. These boots provide flexibility and comfort while the materials are waterproof and durable.

Foot health is often an afterthought. However, the well-being of your feet can make a big difference in your productivity. That's why we know that choosing the proper foot protection makes all the difference.



Durawear<sup>™</sup> boots are available with steel toes, which give the user extra protection from foot injuries.



Durability and the strength of the boot come down to the material. Rubber provides a waterproof, easy-to-clean, high-grade material that is sturdy and easy to clean. PVC is lighter and more affordable plastic material but can be stiffer and less durable.

Waterproof footwear is often essential. It can also be hot on your feet. In some cases, a disposable overboot might be more appropriate. As the name suggests, they are worn over other footwear when working with hazardous materials and are made with a lighter latex material.

Toe Protection should be chosen carefully based on the task. Steel is heavier and thicker but often a slimmer profile is required. That's when other non-metallic options including composite toe boots should be considered.

The type of injuries that are regularly cited include:

- Crushing from falling objects
- Crushing from rolling cylinders
- Punctures from sharp objects
- Burns or shocks from electrical hazards
- Burns from molten metal or hot surfaces
- Skin contact or burns from chemicals
- Slips and falls from wet or slippery surfaces











16" BLACK **PVC BOOTS** 

**1551:** Steel toe **1550:** Plain toe **Sizes:** 5-15

■ 16" length, unlined

■ One piece injection mold

■ Bar cleat outsole

Over-the-shoe style

#### **APPLICATIONS**

Construction | Environmental Clean-Up | Roadwork

**WARNING:** Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



17" YELLOW

# **RUBBER SLUSH BOOTS**

# 1510

**Sizes:** 6-18

- Top strap and buckle
- Fabric lined
- Bar-tread outsole
- Over-the-shoe style

## **APPLICATIONS**

Maintenance | Roadwork | Utilities

**WARNING:** Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



# STEEL SAFETY TOE **RUBBER BOOTS**

**1500:** Plain toe **1501:** Steel Tte **Sizes:** 6-15

- Fabric lined
- Steel shank
- Bar-tread outsole
- Over-the-sock style

#### **APPLICATIONS**

Construction | Environmental Clean-Up | Maintenance







# **5-BUCKLE BLACK RUBBER BOOTS**

## 1520

**Sizes:** 6-16

- Fabric lined
- Bar-tread outsole
- Over-the-shoe style

## **APPLICATIONS**

Construction | Environmental Clean-Up | Maintenance

WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



321/2" BLACK **HIP WADER BOOTS** 

## 1531

**Sizes:** 5-15

- Steel safety toe with belt loop strap and buckle adjustment
- Fabric lined
- Steel shank with cushion insole
- Reinforced knee & front
- Bar-tread outsole
- Over-the-sock style

#### **APPLICATIONS**

Agriculture | Forestry | Public Works

WARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



# YELLOW WATERPROOF **LATEX NUKE BOOTS**

# 1522

Sizes: M-3XL

- 0.65mm thickness
- 12" length, unlined
- Over-the-shoe style
- Textured and slip-resistant sole

#### **APPLICATIONS**

Environmental Clean-Up | Manufacturing

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# **NEOPRENE CHEST WADER WITH RUBBER BOOTS**

## 1532

**Sizes:** 7-15

- 4.5mm neoprene and knit jersey lined
- Attached rubber boots
- Bar-tread outsole and cushioned insole
- Over-the-sock style
- Steel shank and safety toe
- Compliant with ASTM F2413-18

#### **APPLICATIONS**

Agriculture | Environmental Clean-Up | Maintenance Transportation | Utilities

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# **HEARING PROTECTION**

Many environments inside and out involve hazardously loud noises and distractions. Exposure over time can have long-term effects. That's why choosing the proper hearing protection is essential.

Liberty Safety offers quality hearing protection solutions from DuraPlugs<sup>TM</sup>. From earmuffs to ear plugs, each is designed to provide reliable protection and comfort in any work enviornment.





# **FOLDABLE EAR MUFFS**

## 1437Y

- Foldable lightweight headband design
- Adjustable 3 position ear cups for a snug and comfortable fit



# **EAR MUFFS**

## 1425Y

- Foam filled padded ear cups for a snug and comfortable fit
- Adjustable lightweight nylon padded headband

#### **APPLICATIONS**

Construction | Manufacturing | Warehouse



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov

#### **APPLICATIONS**

Construction | Manufacturing | Warehouse







MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov



# METAL DETECTABLE EAR PLUGS

#### 14321

- Polyurethane foam with Polyester cord
- Tapered shape form for easy insertion and removal
- Self-adjusting foam for all day comfort
- 100 pairs individually packaged per box

#### RELATED

**14322:** Metal detectable cord and earplugs, 100 pairs individually packaged per box

#### **APPLICATIONS**

Food Processing | Manufacturing









# **REUSABLE EAR PLUGS**

## 14270

- Unique reusable 3-layer flange fits all size ear canals
- Firm stem for easy insertion and removal
- Uncorded, 100 pairs individually packaged per box

#### **RELATED**

**14271:** Corded, 100 pairs individually packaged per box

## **APPLICATIONS**

Food Processing | Manufacturing









# **CONICAL BAND EAR PLUGS**

#### 14421

- Flexible band with conical self-adjusting foam shape fits all size ear canals
- Round ear caps are comfortable for long time wearing comfort
- Each pair individually wrapped, 1 set of replacement buds are included
- 40 pairs individually packed per box

# APPLICATIONS Manufacturing









# **FOAM EAR PLUGS**

# 14310

- Tapered bullet shape foam for easy insertion and removal
- Low pressure, self-adjusting foam offers long wearing comfort and quick recovery time
- Uncorded, 200 pairs individually packaged per box

#### **RELATED**

**14311:** Corded, 100 pairs individually packaged per box

## **APPLICATIONS**

Food Processing | Manufacturing









# EYEWEAR PROTECTION

Work environments that involve being around airborne particles or objects, hazardous substances, or exposure to UV rays can put a worker's eyes at risk. It's essential to wear proper eye protection to avoid injuries and see clearly on the job.

Liberty Safety offers the iNOX<sup>™</sup> eyewear protection brand which means you don't have to settle for just any pair of safety glasses or goggles.



# **SAFETY STANDARDS**

#### **Optical Tests**

- Optical quality free of bubbles, waves, and visible defects.
- Luminous transmission clear lenses keep a minimum transmission of 85%.
- Physical requirements free from sharp edges, defects that is likely to cause discomfort or injury.
- Minimum coverage area appropriate areas of the user's eyes and face are protected efficiently.

## **High Impact Tests**

The "drop ball" test determines the basic impact safety classification for lenses. A one-inch diameter steel ball is dropped onto the lens from a height of 50 inches.

High impact testing, a high velocity test is performed by shooting

a quarter-inch diameter steel ball at the lens at a speed of 150 feet per second for spectacles and 250 feet per second for goggles.

All iNOX™ safety glasses comply with the highest industry safety standards and carries "Z87" or "Z87+" marking on the lens(es) and frame

# **CONSTRUCTION FEATURES**

## **TPR Technology**

iNOX<sup>™</sup> utilizes special TPR (thermo plastic rubber) to prevent slippage from moisture and perspiration. This technology is used in the temple tips and nose pieces to keep glasses on the wearer's face.

#### **Lens Technology**

- All iNOX<sup>™</sup> lenses filter 99.9% of UVA/UVB rays
- Anti-fog & scratch resistant lenses
- Polycarbonate lenses comply with:

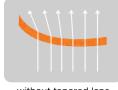
ANSI Z87.1-2015

Polarized lenses

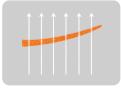
Military MIL-PRF-31013 clause 3.5.1.1

# Frame Technology

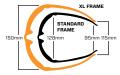
- Frames consist of flexible and durable nylon materials
- Wrap around frames prevent side shield distortion
- Straight temples rest comfortably on head without pinching



without tapered lens



with tapered lens



Wide Fit

Wider frames offered for different head sizes



**Anti-Fog Options** 

Anti-fog coating on polycarbonate lenses



Infrared (IR) Lenses Green filters protect

from UV rays and flash



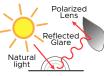
Magnifiers

Available in magnification 1.0, 1.5, 2.0, 2.5, and 3.0



Adjustable Temples

Ratchet inclination temples for a custom fit



**Polarized Lenses** Polarization for

improved glare reduction outdoors



**Foam Gaskets** 

Provides a comfortable seal to keep out particles



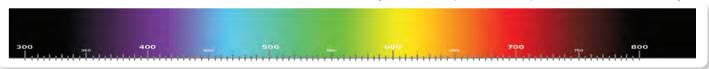
Interchangeable Lenses

Lenses can be changed for different conditions

# **UV FILTER - LENS COLOR GUIDE**

Ultraviolet Filtration

All iNOX<sup>™</sup> eyewear lenses provide 99.9% protection from UVA/UVB rays.



UVA (320-400nm) - UVA rays remain at a relatively stable intensity all year round. Exposure to high levels of this light without the proper sunglasses protection may cause damage to your central vision.

UVB (290-320nm) - UVB are considered the sun's burning rays, mostly associated with sunburns. Exposure to high levels of this light without the proper sunglasses protection may cause permanent damage to the cornea and lens.

## **LENS COLOR GUIDE**

Understanding the functionality of task-specific lenses and determines what color or tint may be best for your application and environment.



#### Clear

Provides excellent optics for general indoor applications where impact protection is required.



# Brown, Mocha, Bronze and Orange

For outdoor applications where sunlight and glare cause eyestrain and fatigue.



#### Gray

For outdoor applications where light and glare can cause eyestrain and fatigue.



#### Infrared

Green filters protect from UV rays & flash burns.



#### **Light Blue**

Reduce glare and the yellow tint often given off by industrial/sodium vapor lighting



#### Amber

Blocks the blue portion of the visible light spectrum, creating maximum contrast enhancement, particularly in





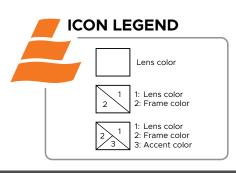
#### Indoor/Outdoor

A clear lens with a slight mirror coating serves the same purpose as the gray lens, yet allows more visible light through the lens for indoor/outdoor use. Reduces glare from artificial light.



#### Blue, Red, Orange, Brown, Gold and Silver Mirror

Use outdoors where sunlight and glare cause eyestrain and fatigue. Mirror coating reflects light, reducing the amount of light that passes through the lens.



# **GENERAL MARKINGS**

The ANSI/ISEA Z87.1-2015 standard proscribes certain markings for eye and face protection devices. In addition to markings that are required for all protectors, additional optional markings may be present to indicate a specific lens type or application as claimed by the manufacturer.

#### **REQUIRED MARKINGS**

- A manufacturers mark or logo
- The standard designation (Z87 or Z87-2 for prescription eyewear)
- H = product has been tested on a smaller headform

NOTE: The location of the standard designation varies depending on the product configuration.

#### OPTIONAL MARKINGS

- + = protector is impact-rated
- W (followed by a shade number) = suitable for certain welding applications
- U (followed by a scale number) = ultraviolet light protector
- L (followed by a scale number) = visible light (glare) protector
- V (followed by a scale number) = infrared radiations protector
- S = protector is a special purpose protection
- V = lens is a variable tint lens
- D3 = splash protector
- D4 = dust protector
- D5 = fine dust protector





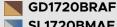


**FULL FRAME SAFETY GLASSES** 

# **ECLIPSE**<sup>™</sup>

1720GAF

**■ 1720TAF** 



SL1720BMAF

- Wide temple frame with straight back temples
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards







**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



# POLARIZED LENS FULL FRAME SAFETY GLASSES **AURA II**™

# 1764RG

- Sporty wrap around frame
- Scratch resistant polycarbonate lenses
- Polarized lenses contain a special filter that blocks intense reflective light, reducing glare and eye
- Co-injection rubber templates with non-slip adjustable nosepiece

#### **APPLICATIONS**

Construction | Oil Rigs | Shipyards





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# **FULL FRAME SAFETY GLASSES**

# **ENFORCER**™

1724A 1724BM 1724G 1724SM

1724C

1724T

- Contemporary wide temple frame
- Scratch resistant polycarbonate lenses
- Soft non-slip rubber temple tips
- One Size

#### **APPLICATIONS**

Assembly | Constructions | Fabrication | Landscaping | Material Handling | Warehouse

Z87.1+



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# POLARIZED LENS FULL FRAME SAFETY GLASSES **AURA II**™

## 1764BG

■ Sporty wrap around frame

- Scratch resistant polycarbonate lenses
- Polarized lenses contain a special filter that blocks intense reflective light, reducing glare and eye
- Co-injection rubber templates with non-slip adjustable nosepiece

## **APPLICATIONS**

Construction | Oil Rigs | Shipyards









## **SEMI RIMLESS SAFETY GLASSES**

# **CAMOTEK**<sup>TM</sup>

1718AAF 1718GAF 1718BMAF **1718LBAF 1718BRAF** 1718SMAF 1718CAF 1718TAF

- Sporty wrap around frame
- UV protective polycarbonate lenses
- Soft, non-slip rubber temple tips
- Anti-fog lens

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards





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# **SEMI RIMLESS SAFETY GLASSES ROADSTER**<sup>™</sup>

1767A 1767LB 1767BM 1767SM 1767C | 1767CAF 1767T 1767G | 1767GAF

- Sporty, semi-frame, and lightweight design
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses

## **APPLICATIONS**

Construction | Manufacturing | Shipyards





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# **FULL FRAME SAFETY GLASSES**

# **CYLCONE**<sup>TM</sup>



- Sport wrap design with lobster tail temples
- Durable non slip rubber temples and nosepiece
- Scratch resistant polycarbonate lenses

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards



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ONE



# **SEMI RIMLESS SAFETY GLASSES** SURFER™

1768BM 1768LB 1768C | 1768CAF 1768TM 1768G

- Sporty semi-frame light weight design
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards



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# **SEMI RIMLESS SAFETY GLASSES BREA**<sup>TM</sup>

1766A 1766BM

1766GAF 1766SM

1766C 1766G

1766CAF 1766T

- Sporty, semi-frame, and light weight design
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses

## **APPLICATIONS**

Construction | Manufacturing | Shipyards



**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



# **SEMI RIMLESS SAFETY GLASSES**

# **FLINT**<sup>TM</sup>

1755A 1755C

1755CAF 1755GAF 1755SM 1755T

1755G

- Built-in ventilation channel between frame and lens
- Durable co-injection rubber temples
- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- 3-point ratcheting temples

#### **APPLICATIONS**

Assembly | Constructions | Fabrication | Landscaping





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# **SEMI RIMLESS SAFETY GLASSES** MAGNUM™

1717A 1717BM 1717BRM 1717C 1717GAF 1717T

1717CAF 1717G 1717SM

- Wrap around lenses for additional front and side protection
- Soft, non-slip rubber temple tips
- Scratch resistant polycarbonate lenses
- Temples adjust to four different lengths

# **APPLICATIONS**

Construction | Oil Rigs | Shipyards





▲ WARNING: Cancer & Reproductive Harm - www.P65Warnings.ca.gov



## **SEMI RIMLESS SAFETY GLASSES**





1715C

1715G 1715T

1715CAF 1715M

1715GAF 1715BMC

1715SM **F1715CAF F1715GAF** 

1715NC

■ Single piece wrap around polycarbonate temple and lenses

- Integrated nosepiece
- Scratch resistant lenses

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards





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# **SEMI RIMLESS SAFETY GLASSES**

# F-IITM

1715RTA 1715RTBR 1715RTT

1715RTGAF **1715RTOR** 

1715RTBM 1715RTSM

- Single piece wrap around polycarbonate lenses
- Integrated nosepiece
- Durable rubber temples tips
- Scratch resistant lenses

## **APPLICATIONS**

Construction | Manufacturing | Shipyards





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# **SEMI RIMLESS SAFETY GLASSES**

# F-III

**►** 1715RTNSM

1715RTNG 1715RTNGAF

1715RTNA

1715RTNC 1715RTNCAF **1715RTNT** 

- Single piece wrap around polycarbonate lenses
- Durable co-injection rubber temples
- Non slip nosepiece
- Scratch resistant lenses

# **APPLICATIONS**

Construction | Manufacturing | Shipyards



**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





**FOAM-LINED SAFETY GLASSES CHALLENGER™** 

1770A

1770G | 1770GAF

1770CAF

- Dual pane scratch resistant polycarbonate lenses
- Removable head strap
- Foam carriage provides a tight and comfortable seal to keep out dust and airborne particles

#### **APPLICATIONS**

Assembly | Constructions | Fabrication | Landscaping | Material Handling | Warehouse

Z87.1+

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**FOAM-LINED SAFETY GLASSES** 

GAZER™

1773CAF **SL1773GAF** RD1773SMAF

**►** 1773TAF BR1773BRAF 1773SAAF

- Dual pane scratch resistant polycarbonate lenses
- Soft non slip rubber nose piece and insert temple
- Removable vented foam carriage

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards





**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



**FOAM-LINED SAFETY GLASSES** CHALLENGER II™

1778AAF 1778CAF

1778GAF

- Dual pane scratch resistant polycarbonate lenses
- Foam carriage provides a tight and comfortable seal to keep out dust and airborne particles
- Quick release interchangeable temples and strap

#### **APPLICATIONS**

Assembly | Constructions | Fabrication | Landscaping | Material Handling | Warehouse



SIZE

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



# **FOAM-LINED SAFETY GLASSES TROOPER**™

1772AAF 1772CAF 1772GAF

1772BM 1772SM 1772T

- Sporty wrap around frame
- Scratch resistant polycarbonate lenses
- Soft, non-slip rubber temple tips
- Anti-fog lens

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards





**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



**OVER-THE-GLASS SAFETY GLASSES** 

# **MARKSMAN**™

1730C | 1730CAF

1730G



1731C 1732C

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- 3-point ratcheting temples

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards







**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



### **ENCASED SAFETY GOGGLES**

# MASTER™

1780C | 1780CAF

■ Direct ventilation for added splash protection

**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov

- Adjustable strap
- PVC frame, polycarbonate lenses

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards







**OVER-THE-GLASS SAFETY GLASSES** 

# GUARDIAN™

N 1710A | 1710AAF N 1711C | 1711CAF

**■ 1710C | 1710CAF ■ 1712C ■ 1710G | 1710GAF ■ 1712G** 

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- Temples adjust to four different lengths

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards





**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



**ENCASED SAFETY GOGGLES** 

# PULSAR™

1790C | 1790CAF

- Indirect ventilation goggles
- Adjustable strap
- PVC frame, polycarbonate lenses

#### **APPLICATIONS**

Assembly | Constructions | Fabrication | Landscaping





**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov





# **ENCASED SAFETY GOGGLES PULSAR™** II SERIES

1791C | 1791CAF

- Encased frame with adjustable straps
- Indirect ventilation for breathability and splash protection
- Integrated nosepiece

#### **APPLICATIONS**

Assembly | Constructions | Fabrication | Landscaping







**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



# **OVER-THE-GLASS SAFETY GLASSES ARMOUR™ SERIES**

# 1751CAF

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- 3-point ratcheting temples

### **APPLICATIONS**

Construction | Manufacturing | Shipyards





**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



# **OVER-THE-GLASS SAFETY GLASSES**

# **ARMOUR™ SERIES**

1750A 1750C



- Single piece wrap around scratch polycarbonate lenses and temples
- Integrated nosepiece
- Light weight and economical

#### **APPLICATIONS**

Assembly | Constructions | Fabrication | Landscaping





**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



# **OVER-THE-GLASS SAFETY GLASSES ARMOUR™ SERIES**

1752GAF

1752CAF

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- Extendable and ratcheting temples

### **APPLICATIONS**

Construction | Manufacturing | Shipyards





**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov



### **READING SAFETY GLASSES**

# F READER™

**►** 1765C10 | +1.0

**►** 1765C15 | +1.5

1765C25 | +2.5 1765C30 | +3.0

1765C20 | +2.0

- Scratch resistant polycarbonate 8-base curve lenses
- Durable co-injection rubber temples
- Integrated nosepiece

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards



**WARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov

# **ACCESSORIES**

# **GLASSES CORDS**

### **17CORD1**



#### **ACCESSORIES**

# **GLASSES BAG**

# **17BAG**

■ Microfiber drawstring spectacle case



# **ACCESSORIES**

# **LENS CLEANER**

### 17CTD

■ 100 individually packaged lens cleaning towelettes



#### **READING SAFETY GLASSES**

# SYNERGY READERS™

1775C10 | +1.0 1775G10 | +1.0

1775C15 | +1.5 1775G15 | +1.5

1775C20 | +2.0 1775G20 | +2.0 1775C25 | +2.5 1775G25 | +2.5

1775C30 | +3.0 1775G30 | +3.0 ■ Scratch resistant polycarbonate 8-base curve lenses

■ Durable co-injection rubber temples with non slip nosepiece

#### **APPLICATIONS**

Construction | Manufacturing | Shipyards



MARNING: Cancer & Reproductive Harm | www.P65Warnings.ca.gov



### **ACCESSORIES**

# MUSHROOM CORDS

### **17CORD3**

■ For glasses, fits on temple



#### **ACCESSORIES**

### LIGHTING

### 17LED

■ Speclight clipped onto the temples of glasses for lighting in the dark



# **ERGONOMICS PROTECTION**

Knee and back injuries are often a common occurrence in the workplace. OSHA's preferred approach to preventing these injuries is to eliminate hazardous conditions when possible. However, in some cases, individual workers choose to use ergonomics to make themselves more comfortable.

Liberty Safety offers the durability and reliability of the DuraWear™ back support belts and knee pads. They provide ergonomic support that's not only a more relaxed way of working but often essential in maintaining a productive working environment.





# **BLACK BACK SUPPORT BELT**

### 1908

- Adjustable attached suspenders
- Rubber track webbing
- Stretchable bias binding with zig zag stitching
- Hook and loop closure
- Sizes: S-5XL

#### **RELATED**

1909: Detachable suspenders, Sizes: S-5XL

#### **APPLICATIONS**

Material Handling | Warehouse



# **ORANGE BACK SUPPORT BELT**

### 1908HO

- Adjustable attached suspenders
- Rubber track webbing
- Stretchable bias binding with zig zag stitching
- Hook and loop closure
- Sizes: S-5XL

#### **RELATED**

1908HG: Hi-vis green, Sizes: S-3XL

#### **APPLICATIONS**

Material Handling | Warehouse



#### **EVA FOAM**

# **KNEE PADS**

### 1920

- Lightweight one piece EVA foam
- Provides comfort for extended kneeling
- Water resistance
- Hook and loop closure

**APPLICATIONS**General Purpose | Maintenance





### **DELUXE BUTTERFLY**

### **KNEE PADS**

### 1922

- Excellent protection with non-marking plastic knee caps
- Plastic hard caps with soft 600D cloth pathing and adjustable straps
- Slip-resistant ridges to protect against slippery surfaces
- Double hook and loop closure

**APPLICATIONS**General Purpose | Maintenance





### **HEAVY DUTY HARD PLASTIC CAP**

### **KNEE PADS**

### 1921

- Abrasion resistant hard caps
- Soft 600D cloth padding and adjustable straps for extended comfort
- Double hook and loop closure

APPLICATIONS
General Purpose | Maintenance

ONE SIZE



#### **HEAVY DUTY TURTLEBACK SHELL**

### **KNEE PADS**

#### 1923

- Heavy duty non-marring abrasion resistant turtleback plastic hard caps.
- Slip resistant ridges prevent sliding on surfaces.
- Soft 600D cloth padding with PE gel inserts
- Double hook and loop closure

APPLICATIONS
General Purpose | Maintenance





# **ACCESSORIES**

Sometimes PPE requires accessories geared toward protecting the worker and the product involved in the work. Liberty Safety offers the DuraWear® brand for these types of specialty accessories.

It's protective wear that suits many industries because they're available in various materials, colors, and sizes. From hair coverings to splatter guards like spray socks, aprons, or sleeves, our PPE accessory collection provides comfortable protection when you need it most.





### **CLEAR REUSABLE WITH ELASTIC BAND**

# **FACE SHIELD**

### 1700

- Clear protective face shield film
- Protection against dust, spray, or splash
- Vented foam headband with elastic band
- Disinfect and wipe clean to reuse after each usage
- Can be worn with or without eyewear protection
- Dimensions: 13" x 8 1/2"
- 96 pieces per master case
- Latex-free

**APPLICATIONS**Maintenance | Public Works







\* ITEMS SOLD SEPARATELY

# YELLOW BROW GUARD & REUSABLE CLEAR

# **FACE SHIELD**

### 1701/1701VCM

- Polycarbonate brow guard protector for compatible visors
- 8" x 11 1/2" with 1mm reusable face shield
- 3-part comfort adjustment system with ratch suspension
- Special designed adjustable choke hinge for visor support
- Universal slots for compatible head gear

APPLICATIONS
Maintenance | Public Works





# NYLON

# **HAIRNETS**

- 100% Soft nylon
- 1/8" Honeycomb pattern holes
- 100 pieces per polybag, 10 polybags per case
- Sizes: 18", 21", 24", 26"

COLOR	18"	21"	24"	26"
WHITE	A1918WC	A1921WC	A1924WC	A1926WC
BLACK	A1918BKC	A1921BKC	A1924BKC	
BROWN		A1921BRC	A1924BRC	
BLUE		A1921BLC	A1924BLC	











### SPUBONDED POLYPROPYLENE

# **BOUFFANT CAPS**

- Latex-free
- Sizes: 19", 21", 24"

COLOR	PACKAGING	19"	21"	24"	
WHITE	500 pieces / case	15819W 1819WC5	15821W 1821WC5	15824W 1824WC5	
	1000 pieces / case		15821W10 1821WC	15824W10 1824WC	
	2000 pieces / case (pleated)		1821WP	1824WP	
BLUE	500 pieces / case	15819B	15821B 1821BC5	15824B 1824BC5	
	1000 pieces / case 2000 pieces / case (pleated)		1821BC 1821BP	1824BC 1824BP	
RED	500 pieces / case 2000 pieces / case (pleated)		15821R 1821RP	15824R 1824RP	
GREEN	500 pieces / case		15821G	15824G	
YELLOW	500 pieces / case		15821Y	15824Y	













#### WHITE

# **POLYPROPYLENE HOOD**

### 15386W

- Polypropylene spunbond
- Bouffant and beard cover all-in-one
- Latex-free
- 100 pieces per case, 10 polybags per case

RELATED 15386B: Blue

**APPLICATIONS**Food Processing | Pharmaceutical





### **NATURAL COLORED**

# **SPRAY SOCK**

#### 1410A

- Cool and lightweight
- Protection against overspray and other particulates
- Fits over the head and can be worn with goggles, half-masks, and fullmask respirators
- 144 pieces per case

**APPLICATIONS**Food Processing | Maintenance





# WHITE

# **BEARD COVERS**

### 15803

- Polypropylene spunbond
- 1000 pieces per case

RELATED

15803B: Blue

15803R: Red

**158035:** White, 500 pieces per case

**APPLICATIONS** 

Food Processing | Pharmaceutical





# **BLACK NYLON**

# BEARD NET 1903BK

- Polypropylene spunbond
- 1000 pieces per case

RELATED 1903W: White 1903BL: Blue

**APPLICATIONS**Food Processing | Pharmaceutical





### **BLUE DENIM**

# **APRON**

#### 1348PN

- 100% Pre-shrunk blue denim
- Adjustable ties
- Individually packed, 72 pieces per case
- Metal grommets, sewn edges and seams
- No Pockets
- Size: 28" x 36"

**RELATED 1348P2:** 2 Pockets **1348P1:** 1 Pocket

**APPLICATIONS** 

Carpentry | Maintenance | Manufacturing



### YELLOW PVC / POLYESTER

# **APRON**

#### 1328

- 0.35mm thickness
- Adjustable neck strap
- Individually packed
- 48 pieces per case
- Size: 35" x 47"



#### **APPLICATIONS**

Agriculture | Food Processing

**WARNING:** Cancer & Reproduction - www.Prop65Warnings.ca.gov

# WHITE VINYL

### **APRON**

### 1338W

- 6 mil thickness
- Adjustable ties
- Individually packed, 50 pieces per case
- Size: 35" x 45"

RELATED

**1338B:** Blue, adjustable ties

**APPLICATIONS** 

Agriculture | Food Processing

WARNING: Cancer & Reproduction - www.Prop65Warnings.ca.gov



# **CLEAR DISPOSABLE POLYETHYLENE**

# **APRON**

### 2845

- Embossed
- Individually packed, 100 pieces per box, 10 boxes per case
- Size: 28" x 46"

#### RELATED

2846: Bulk packed, 100 pieces per bag,

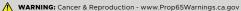
10 bags per case

2846B: Blue, Bulk packed, 100 pieces per bag,

10 bags per case

### **APPLICATIONS**

Food Processing







#### **CLEAR**

# **DISPOSABLE SLEEVES**

#### 2818C

- Polyethylene
- Elastic ends
- 2000 pieces per case
- Length: 18"



2818B: Blue polyethylene, 2000 pieces per case 2818W: White polyethylene, 2000 pieces per case

#### **APPLICATIONS**

Agriculture | Food Processing



WARNING: Cancer & Reproduction - www.Prop65Warnings.ca.gov



### YELLOW TERRY CLOTH

# **SLEEVES**

### 2818TY

- Elastic ends
- Seamless
- 144 pieces per case
- Length: 18"

### **APPLICATIONS**

Maintenance | Manufacturing





#### WHITE

# **DISPOSABLE SLEEVES**

### 15500

- Polypropylene spunbond
- Elastic ends
- 500 pieces per case
- Length: 18"



#### RELATED

**15500B:** Blue polypropylene spunbond, 500 pieces per case 17500: Polyethylene film over white spunbonded polypropylene, 500 pieces per case

18500: White micro-porous film over spunbond polypropylene, 200 pieces per case

#### **APPLICATIONS**

Food Processing | Maintenance

WARNING: Cancer & Reproduction - www.Prop65Warnings.ca.gov



# YELLOW 100% KEVLAR®

### **SLEEVES**

### 2818KVT

- Double-ply
- Thumb slot
- 100 pieces per case
- Length: 18"

#### **RELATED**

2814KVP: 14" Plain 2814KVT: 14" Thumb slot 2818KVP: 18" Plain 2824KVP: 24" Plain 2824KVT: 24" Thumb slot

**APPLICATIONS** Manufacturing



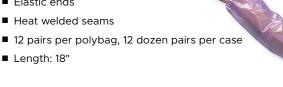


**BLUE VINYL** 

# **SLEEVES**

### 2818BV

- 8 mil thickness
- Elastic ends



**RELATED 2818WV:** White

#### **APPLICATIONS**

Agriculture | Food Processing



**WARNING:** Cancer & Reproduction - www.Prop65Warnings.ca.gov



# **BLUE PVA**

# **COOLING TOWEL**

### 1930B

**Dimensions:** 26" x 16.5"

- Soak in water for 1-2 minutes to activate
- Machine washable with anti-microbial treatment
- Storage container to store towel in between uses

**RELATED 1930G:** Green **1930P:** Pink

### **APPLICATIONS**

Agriculture | Construction | Drilling | Landscaping | Steel Work



MARNING: Cancer & Reproductive Harm - www.Prop65Warnings.ca.gov



### **BLUE DENIM**

# **SLEEVES**

#### 2818DM

- Standard weight
- Elastic ends
- 72 pieces per case
- Length: 18"



#### **APPLICATIONS**

Maintenance | Manufacturing

**WARNING:** Cancer & Reproduction - www.Prop65Warnings.ca.gov



# YELLOW WATERPROOF

# **LATEX NUKE BOOTS**

### 1522

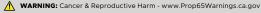
Sizes: M-3XL

- 0.65mm thickness
- 12" length, unlined
- Over-the-shoe style
- Textured and slip-resistant sole



### **APPLICATIONS**

Environmental Clean-Up | Manufacturing



# **PRODUCT INDEX**

SKU	PAGE NO.		AGE NO.	SKU	PAGE NO.		PAGE NO.		GE NO.	SKU PAGE NO	. SKU	PAGE NO.
225		233				236				2822		22
305	22	306						376		3772		23
381		477				545				6202		26
690										818 4		49
892								916	47	9184	920	51
		935								958		47
1020	94	1025								1223 9		95
1228	95									132815		93
1350	93	1352	93	1353						150013	2 1501	132
1510	132	1520	132	1522	133	1531	133	1532	133	155013	2 1551	132
1700	148	1701	148	1890	127	1891	127	1908	146	190914	5 1920	147
1921	147	1922	147	1923	147	2131	32	2132	32	2133 3	2 2134	32
2231	32	2232	32	2233	32	2234	32	2238	32	23003	4 2303	34
2331	33	2333	33	2334	33	2450	33	2451	33	24533	3 2454	33
2520	33	2521	33	2523	33	2524	33	2530	33	26004	5 2622	32
2623	32	2624	32	2631	32	2632	32	2633	32	26343	2 2638	32
2640	33	2731	32	2733	32	2734	32	2738	32	284515	1 2846	151
2910	44	3110	63	3114	63	3120	63	3124	63	31806	3 3210	65
3214	65	3220	65	3230	60	3231	64	3240	60	32556	4 3257	64
3261	64	3265	64	3267	64	3269	64	3274	60	32776	4 3310	65
3330	61	3334	61	3350	61	3354	61	3354	61	34106	5 3450	61
	61	3510								35506		
3581		3650				3655				38636		
	62	4203								42147		
	71	4414				4501				45047		
	78	4508				4510		4512		45137		
	75	4526						4561		45617		
	75	4581				4601				4611		
	70	4622				4638		4639		4640		
	14	4707						4729		47491		
	12	4817								4925		
	7	4944				6002				60225		
	54	6117				6124				61275		
6127	54	6140								64275		
6504		6518								68275		
6847		6857						6908		69185		
	56	7007								71246		
	66	7250								73746		
		7654										
	68									78046		
	69	8005						8355		84385		
	59	8447				8544		9330		93733		
	74	14270						14321		1432213		
	124	15125				15132		15135		1514212		
	125	15301				15440		15500		1550015		
	150	17122						17500		1750015		
	120	18125				18300		18301		1830312		121
	121	18440				18470		18500		1850015		122
19122	123	19125				19300		19301		1931112		125
158035	150	0233HG									7 0238HOWP	67
	48	0906BK				0915BK		0915HYRT		0915QBK4		
	47	0918BK						1260HIVIS		1338B15		
	151	1348P2						1400BR		1400GN130		
	130	1400R	130			1400Y		1404PB		1404PHG12		129
	129	1404PW				1404RB		1404RGN		1404RHG12		
	129	1404RR				1404RY		1406PB		1406PR12		
	129	1406RB				1406RHO		1406RR		1406RW12		
	150	1410BK						1410HY		1416RB130		
	130	1416RR						1425Y		1426RB12		
	129	1426RR						1437Y		15300B12		
	150	15386W						15440W		15500B12		
	125	15803B		15803R		15803R		15819B		15819W14		
15821G	149	15821R						15821Y		15824B14		
15824R	149	15824W	149	15824W10	149	15824Y	149	1701VCM	148	1710A14	3 1710AAF	143
1710C	143	1710CAF	143	1710G	143	1710GAF	143	1711C	143	1711CAF14	3 1712C	143
1712G	143	1715A	141	1715BM	141	1715BMC	141	1715C	141	1715CAF14	1 1715G	141
1715GAF	141	1715M	141	1715NC	141	1715RTA	141	1715RTBM	141	1715RTBR14	1 1715RTGAF	141
1715RTNA	141	1715RTNC	141	1715RTNCAF	141	1715RTNG	141	1715RTNGAF	141	1715RTNSM14	1 1715RTNT	141
1715RTOR	141	1715RTSM	141	1715RTT	141	1715SM	141	1715SM	141	1715T14	1 1717A	140
1717BM	140	1717BRM	140	1717C	140	1717CAF	140	1717G	140	1717GAF14	) 1717SM	140
1717T	140	1718AAF	139	1718BMAF	139	1718BRAF	139	1718CAF	139	1718GAF13	9 1718LBAF	139
17 17 1		1718TAF								1724A13		
1718SMAF				1724SM				1726BM		1726C13		
1718SMAF	138							1730CAF		1730G14		
1718SMAF 1724C		1726SM	139	1/261	139							
1718SMAF 1724C 1726OM	138					1750G	144	1751CAF	144	1752CAF14	4 1752GAF	144
1718SMAF 1724C 1726OM 1732C	138	1726SM	144	1750C	144			1751CAF 1755GAF		1752CAF14 1755SM14		
1718SMAF 1724C 1726OM 1732C 1755A	138 139 143	1726SM 1750A	144 140	1750C 1755CAF	144 140	1755G	140		140		) 1755T	140
1718SMAF 1724C 1726OM 1732C 1755A 1764BG	138 139 143 140	1726SM 1750A 1755C	144 140 138	1750C 1755CAF 1765C10	144140145	1755G 1765C15	140 145	1755GAF	140 145	1755SM14	755T 755T	140 145
1718SMAF 1724C 1726OM 1732C 1755A 1764BG 1766A	138 139 143 140 138	1726SM 1750A 1755C 1764RG	144 140 138 140	1750C 1755CAF 1765C10 1766C	144 140 145 140	1755G 1765C15	140 145 140	1755GAF 1765C20	140 145 140	1755SM 140 1765C2514	1755T 5 1765C30 1766SM	140 145 140

Trigger   1.0	CNII	PAGE NO.	SKU	PAGE NO.	SKU	PAGE NO.	SKU	PAGE NO.	SKU	PAGE NO.	SKU	PAGE NO.	SKU	PAGE NO.
1775/1670	17.00 D													
175500														
175500   16   175505   15   175500   16   175607   16   175607   16   175607   16   175607   16   175607   16   176607   176607														
100   100														
Section   18   Derivers   16   Derivers   16   Derivers   16   Derivers   16   Derivers   16   Derivers   16   Derivers   17   Derivers   18														
2008W   4   200***   40   2019W   49   2019W   41   2019W   41   2019W   41   2019W   41   2019W   42   2029W   42   2029W   43   2018W   43   2029W   43   2018W   43   2029W   43   2018W   43   2019W   43   2019W   43   2019W   43   2019W   43   2019W   43   2019W   44   2019W   44   2019W   45   201														
20090														
20000 49 2011. 33 2231. 33 2234. 33 2341. 33 2570F 77 2650P 72 2760PF, 73 152000W 49 27600W 49 2														
2000M														
2889W   163   2889W   163   2889W   163   2889W   163   2889W   163   2824W   163   2828W   163														
Person   19														
2828/SV   52   2900/R   43   2868   51   2648/R   43   2879/R   52   2879/R   29   2905/L   35   2878/R   29   2900/R   36   2910/R   36   2910/R   37   2910/R   37   2910/R   36   2910/R   36   2910/R   36   2910/R   37   2910/R   37   2910/R   36   2910/R   36   2910/R   36   2910/R   36   2910/R   36   2910/R   36   2910/R   37   2910/R   37   2910/R   36   2910/R   36   2910/R   36   2910/R   36   2910/R   36   2910/R   37   291														
28988. 25 28886. 25 2900W 44 2909W 45 2														
29869L 44 2960SL 50 5900K451 22 2010K 65 2350A 60 2550A 6														
28881 98 3000 29 30004 29 3000481 29 30006 60 326505 60 3265050 60 326505 60 326506 60														
280000														
\$2700. 61 \$2709. 61 \$2800. 62 \$8800.														
3858P0 62 3860A2 62 3860A 62 3860H0 19 410SC 77 41SU 7														
38860 62 388603P C2 4039HO 19 4HSC 77 4HSL 77 4ZSC 77 4ZSCC 77														
42000. 76 4214ST 77 45089. 77 45089. 77 45089. 77 45080 71 4400P 7														
## 4500L 71 400EL 74 450EL 75														
## 45093P 73 4512C 74 4517C 74 4517C 78 4518CC 75 4518CC														
## # # # # # # # # # # # # # # # # # #														73
## 458PCRG														75
## 45740														
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BUT726C   139   BUT726G   138   BUT726SM   139   C16002F   85   C16003G   85   C16003G   86   C16003G   88   C16013G   88   C16013G   88   C16013G   88   C16013G   88   C16013F   83   C16013G   88   C16013F   83   C16013G   84   C16013G   88   C16013F   83   C16013G   88   C16013G   89   C1672G   89   C1672G   89   C1672G   89   C1672G   89   C1672G   89   C16724G   89   C16723G   89   C16724G   89   C1672														
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P4639       20       P4639G       20       P4640       21       P4715Q       79       P4716Q       79       P4717       79       PB120S       102         PB125S       102       PB127S       102       QC120B       108       QC120S       108       QC122B       108       QC122S       108       QC122T       108         QC125B       108       QC125S       108       QC125T       108       QC127S       108       RD1726C       139       RD1726CAF       139       RD1726G       139         RD1726SM       139       RD1773SMAF       142       RF600T       113       S4715Q       79       S4716Q       79       SL120B       109       SL121B       109         SL172       109       SL125B       109       SL125B       109       SL127B														
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QC125B       108       QC125S       108       QC125T       108       QC127S       108       RD1726C       139       RD1726CAF       139       RD1726G       139         RD1726SM       139       RD1773SMAF       142       RF600T       113       S4715Q       79       S4716Q       79       SL120B       109       SL121B       109         SL121T       109       SL122B       109       SL122T       109       SL125B       109       SL127B       109       SL127T       109         SL1720BMAF       138       SL1726BM       139       SL1773GAF       142       SP4636       21       SP4638BK       20       SP4638BK       21       T2015W       41       T2026ML       41       T2015W       41       T2015W       41       T2026WL       41       T2015W       41       T2015W       41       T2015W       41       T2015W       41       T2026ML       41       T2015W       41       T2015W       41       T2015W       41       T2015W       41       T2015W       41       T2015W														
RD1726SM														
SL121T       109       SL122B       109       SL122T       109       SL125B       109       SL125T       109       SL127B       109       SL127T       109         SL1720BMAF       138       SL1726BM       139       SL1773GAF       142       SP4636       21       SP4638       21       SP463BK       20       SP4638G       20         SP4640       21       SVN5B       44       SVN5BML       44       T2000W       40       T2010W       40       T2015W       41       T2026ML       41         TD125S       106       TD127S       106       TD350S       106       TJ198T       107       TK128T       112       TK527T       113       TK552T       112         TK554T       112       TK612T       113       TK613T       113       TP198T       111       TP199T       111       TY120S       104         TY121S       104       TY122S       104       TY127S       104       TY127S       107       TY151S       104       TY198T       107         TY210S       105       TY211S       105       TY212S       105       TY216S       105       TY273B       105       TY303S       105       TY350S														
SL1720BMAF       138       SL1726BM       139       SL1773GAF       142       SP4636       21       SP4638       21       SP4638BK       20       SP4638G       20         SP4640       21       SVN5B       .44       SVN5BML       .44       T2000W       .40       T2010W       .40       T2015W       .41       T2026ML       .41         TD125S       .106       TD127S       .106       TD350S       .106       TJ198T       .107       TK128T       .112       TK527T       .113       TK552T       .112         TK554T       .112       TK612T       .113       TK613T       .113       TP198T       .111       TP199T       .111       TY120S       .104         TY21S       .104       TY122S       .104       TY127S       .104       TY127S       .107       TY151S       .104       TY198T       .107         TY210S       .105       TY21S       .105       TY216S       .105       TY273B       .105       TY303S       .105       TY350S       .105														
SP4640       21       SVN5B       44       SVN5BML       44       T2000W       40       T2010W       40       T2015W       41       T2026ML       41         TD125S       106       TD127S       106       TD350S       106       TJ198T       107       TK128T       112       TK527T       113       TK552T       112         TK554T       112       TK612T       113       TK613T       113       TP198T       111       TP199T       111       TY120S       104         TY21S       104       TY12S       104       TY127S       104       TY127S       107       TY151S       104       TY198T       107         TY210S       105       TY211S       105       TY212S       105       TY216S       105       TY273B       105       TY303S       105       TY350S       105														
TD125S														
TK554T     112     TK555T     112     TK612T     113     TK613T     113     TP198T     111     TP199T     111     TY120S     104       TY121S     104     TY122S     104     TY125S     104     TY127S     104     TY127S     107     TY151S     104     TY198T     107       TY210S     105     TY211S     105     TY212S     105     TY216S     105     TY273B     105     TY303S     105     TY350S     105														
TY121S														
TY210S	TK554T	IIZ												
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	TY121S	104	TY122S	104										
	TY121S TY210S	104	TY122S TY211S	104 105										





800-327-8333, F: 888-340-8333

sales@libertysafety.com

libertysafety.com

433 Cheryl Lane City of Industry, CA 91789





