







# LIBERTY GLOVE & SAFETY Leader in the Industry

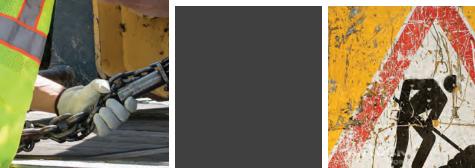














#### Welcome to

# **Liberty Glove and Safety**

Liberty Glove and Safety is a complete head-to-toe safety expert. We are committed to providing exceptional safety solutions for all our customers. By constantly refining our lasting partnerships, we continue to strengthen and expand our strategic positions in:

- Research & Development
   Customized Programs
   Global Sourcing

- Inventory Management
- Training Programs
- Quality Control
- 4 Strategic Logistic Locations: CA, TX, OH, GA



We are determined to empower our leadership as a full service PPE manufacturer with performance values in mind. Through perpetual improvements we continue to embrace change, energize teamwork, and pursue growth with our partners. In everything we do, we focus on delivering the best services and reliable safety products with passion and creativity.

# We are moving safety forward.

#### Value-Added Services

- · Pad Printing: Logo your products at a speed of 10 times faster than silk screen printing. Having the capability to provide higher precision printing.
- Silk Screen Printing: We also have capabilities to print larger logos on our apparels such as DuraWear® rainwear and HiVizGard™ safety vests.
- Heat Transfers: For full color logo applications, this is the solution to meet your demands.
- Vend Pack Ready: We offer vending machine pack ready items based on your customer's requirements.
- Private Labeling and Custom Packing We provide structural and controlled product factors which include competitive pricing and distribution availability. This service enhances the customer experience while promoting increased selling opportunities. This service provides low cost retail ready or banding multipacks for packing which can be store ready directly from the product cases.
- Service Hang Tags We provide two different hang tag styles with customized retail markings, including UPC barcoding, product item number, and description call outs printed which are printed on tags for added value on the packaging details.
- Direct Import Programs This program is catered to high volume distributors to increase buying power including product customization without compromising product quality control during the production process. This benefits the distributors with cost savings.
- Drop Shipments Save time and money by using our drop shipment service as we handle your orders with care and attentiveness.

























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# **Cut Resistant Gloves Coated Seamless Gloves**

Cut-resistant gloves are designed to protect hands from direct contact with sharp edges such as glass, metal, and other materials. The level of cut resistance can be improved by high performance materials like Keylar® or composite yarns made with combinations of stainless steel, fiberglass, synthetic and high-performance yarns.

Performance characteristics are not only affected by the thickness of the shell but also the coating applied to the outside surface. Lighter weight gloves offer more dexterity, resulting in less hand fatigue. Heavier weights generally provide more cut and abrasion protection. Coated gloves enhance grip, especially on slippery surfaces.

#### **Cut Resistant Gloves**

**Ultra** Coated gloves made with 18G HPPE yarn

**X-Grip** Coated gloves made with HPPE yarn

**V-Grip**<sup>™</sup> Coated gloves made with HPPE yarn

**K-Grip**<sup>™</sup> Made with Kevlar<sup>®</sup>

**Ultra-≥** Proprietary coated gloves made with engineered yarns

**Z-Grip**™ Coated gloves made with proprietary engineered yarns

Coated gloves with thermal lining

**\_\_\_\_-Grip**™ Coated gloves made with HPPE yarn and steel core

#### **Coated Seamless Gloves**

**A-Grip**<sup>™</sup> High density polyurethane coated (HDPU)

Micro-foam nitrile coated

Ultra-thin nitrile coated

Ultra-thin polyurethane coated

**△-Grip**™ Latex coated



Thermal lined

# American ANSI/ISEA 105-2016 Revision | Hand Safety Standards

**ANSI/ISEA 105-2016** 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.

#### The three key areas to know about are:

- 1. Expanded Cut-Resistance Ratings
- 2. New Needle Puncture Resistance
- 3. Improved Testing Methods

Understanding the ANSI/ISEA 105-2016 update is important when choosing the correct level of hand protection needed for workplace safety.

**1** Expanded Cut-Resistance Ratings - A singular test method has been chosen and the number of classification levels has been increased from 5 to 9 levels. This 2016 updated range will now be expressed as (A1 - A9). With more accurate ratings, the end user will be able to better select the appropriate hand PPE required for their job.

#### **NEW ANSI/ISEA 105-2016**

Cut-Restistance ratings will be:

**A1**  $- \ge 200$  gm., light cut hazards

**A2** - ≥ 500 gm., light-med. cut hazards

**A3** - ≥ 1000 gm., light-med. cut hazards

**A4** - ≥ 1500 gm., medium cut hazards

**A5** - ≥ 2200 gm., med.-high cut hazards

**A6** -  $\geq$  3000 gm., high cut hazards

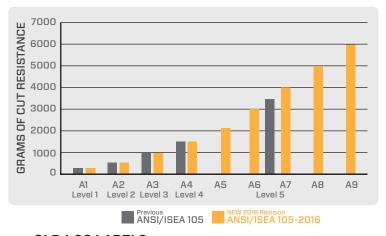
**A7** -  $\geq$  4000 gm., high cut hazards

**A8** - ≥ 5000 gm., high cut hazards

**A9** -  $\geq$  6000 gm., high cut hazards

#### **NEW LGS LABELS**





#### **OLD LGS LABELS**



- 2 New Hypodermic 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.
- **3 Testing Improvements** While progress has been made for the ANSI/ISEA 105-2016 standard, the cut-level standards in EU EN388 have still not been passed by Feb. 1, 2016. The gap between the two standards is closing but they should still be used separately and not compared side by side.

As a leader in the Personal Protective Equipment industry, Liberty Glove and Safety will continue to serve its customers by providing high quality hand protection by incorporating a running change that is ANSI/ISEA 105-2016 compliant. As the PPE industry changes to adopt these new standards, we will continue to offer the right protection for the job. Please contact your Liberty Glove & Safety account manager if you have any additional questions at (800) 327-8333.





#### **F4900HG**

- ANSI cut level: A2
- 18-gauge hi-viz lime green engineered yarn knit shell
- · No fiberglass
- Sizes: S-2XL



F4901HG Black micro-foam nitrile palm and knuckle coated, Sizes: S-2XL

# Black Micro-Foam Nitrile Fully Coated



#### F4902HG

- ANSI cut level: A2
- 18-gauge hi-viz lime green engineered yarn knit shell
- No fiberglass
- Sizes: S-2XL



## Black Micro-Foam Nitrile Palm and Knuckle Coated with Dots



#### F4905HG

- ANSI cut level: A2
- 18-gauge hi-viz lime green engineered yarn knit shell
- No fiberglass
- Sizes: S-2XL

**F4903HG** Black micro-foam nitrile palm coated with dots, Sizes: S-2XL



## Gray Polyurethane Palm Coated



#### 4908HG

- ANSI cut level: A2
- 18-gauge hi-viz lime green engineered yarn knit shell
- No fiberglass
- Sizes: XS-2XL





#### A4938

- ANSI cut level: A2
- 13-gauge salt and pepper high performance polyethylene fiber/knit shell (HPPE)
- No fiberglass
   Sizes: XXS-2XL

A4940 White shell and white polyurethane palm coated, Sizes: XS-XL

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

MARNING: Cancer - www.P65Warnings.ca.gov



# Orange Nitrile Palm Coated



#### 4930HV

- ANSI cut level: A2
- 13-gauge hi-viz lime green high-performance polyethylene fiber/knit shell (HPPE)
- · No fiberglass
- Sizes: S-2XL





ABRASION = 4
CUT = 3
TEAR = 4
PUNCTURE = 2

#### F4930BK

- ANSI cut level: A2
- 13-gauge salt and pepper high performance polyethylene fiber/knit shell (HPPE)
- No fiberglass
- Sizes: XS-XL

## Gray Polyurethane Palm Coated



#### 4941

- ANSI cut level: A2
- 13-gauge salt and pepper high performance polyethylene fiber/knit shell (HPPE)
- No fiberglass
- Sizes: XS-2XL

**4936** Gray polyurethane palm coated, Sizes: XS-2XL











#### F4960

- ANSI cut level: A4
- 13-gauge salt and pepper high performance polyethylene fiber/knit shell (HPPE)
- No fiberglass
- · Food contact safe
- Sizes: XS-2XL





#### 4928HG

- ANSI cut level: A4
- 13-gauge hi-viz green engineered yarn knit shell
- No fiberglass
- Sizes: XS-2XL





MARNING: Cancer - www.P65Warnings.ca.gov

# **Black Nitrile** Palm Coated



# **Nitrile Fully Coated**



## Thermal Lined Palm and Knuckle Coated





#### 4920HG

- ANSI cut level: A4
- 13-gauge hi-viz green engineered yarn knit shell
- No fiberglass
- Sizes: XS-2XL

#### 4925

- ANSI cut level: A4
- 13-gauge salt and pepper high performance polyethylene fiber knit shell (HPPE)
- 2nd layer nitrile wave finish
- Actifresh<sup>™</sup> or Sanitized treated
- Sizes: S-2XL



#### F4923

- ANSI cut level: A4
- 15-gauge green outer cut resistant knit shell
- 7-gauge Arctic Tuff<sup>®</sup> heavy black thermal lined
- Hydropellent<sup>™</sup> proprietary PVC foam coated
- Actifresh<sup>™</sup> or Sanitized treated
- Sizes: S-2XL









MARNING: Cancer - www.P65Warnings.ca.gov

## Gray Polyurethane Palm Coated



#### 4926

- ANSI cut level: A4
- 13-gauge salt and pepper high performance polyethylene fiber knit shell (HPPE)
- Latex free coating
- Sizes: XS-2XL



MARNING: Cancer - www.P65Warnings.ca.gov

# Black Foam Nitrile Palm Coated



#### F4920BK

- ANSI cut level: A4
- 13-gauge salt and pepper high performance polyethylene fiber knit shell (HPPE)
- Latex free coating
- Sizes: XS-2XL





**\_\_\_-Grip**™

## Black Sandy Foam Nitrile Palm Coated



#### F4920SD

- ANSI cut level: A4
- 13-gauge salt and pepper high performance polyethylene fiber knit shell (HPPE)
- · Latex free coating
- Sizes: S-2XL



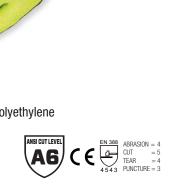


# Black Foam Nitrile Palm Coated



#### F4910HG

- ANSI cut level: A6
- 10-gauge hi-viz green high performance polyethylene fiber knit shell (HPPE) with steel core
- · No fiberglass
- Sizes: S-2XL





# Cut Resistant Impact Gloves | DAYBREAKER®



#### 0925

- ANSI cut level: A4
- Seamless salt and pepper cut resistant knit shell
- · Premium HDPU palm coating
- 3-D TPR guardrails to protect knuckles
- TPR along fingers and back of hand and thumb crotch reinforcement
- Sizes: M-2XL

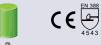


Abrasion











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



#### 0923

- ANSI cut level: A4
- · Hi-viz orange nylon spandex shell
- Additional palm layer of cut resistance
- 3-D TPR guardrails to protect knuckles
- TPR along fingers and back of hand and thumb crotch reinforcement
- Sizes: M-2XL















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

# Integrator TM

#### 0935

- ANSI cut level: A4
- · Premium grain goatskin
- Shirred elastic back
- Keystone thumb
- · Hi-viz orange TPR on fingers and back of hand
- Sizes: S-2XL



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

## Retaliator ™



#### 0929

- ANSI cut level: A9
- · Hi-viz green seamless cut resistant knit shell
- Hi-viz red sandy nitrile palm coating
- TPR along fingers and back of hand and thumb crotch reinforcement
- · Hook and loop closure
- Sizes: M-2XL













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

#### Blue Latex Palm Coated



#### Black Nitrile Palm Coated



#### 100% Kevlar® Knit





#### KV4729

- ANSI cut level: A2
- 10-gauge yellow knit shell
- Aramid shell
- · Elastic wrist
- Sizes: S-XL





4969 100% ATA®/Lycra string knit, blue latex palm coated, ANSI cut level: A4, Sizes: S-XL

#### 4830

- ANSI cut level: A2
- 13-gauge yellow knit shell
- Aramid shell
- · Elastic wrist
- Sizes: XS-2XL

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







F4980 100% ATA®/Lycra string knit, black foam nitrile palm coated, ANSI cut level: A4, Sizes: S-XL

#### 4817

- ANSI cut level: A2
- 7-gauge
- 100% Kevlar® knit shell
- Reversible Elastic wrist
- Sizes: S & L, XL



4987 100% ATA®/Lycra string knit, ANSI cut level: A4, Sizes: S-XL

# 100% Kevlar® Knit with PVC Dots



## 100% Kevlar® Knit with PVC Dots



## 100% Kevlar® Knit Sewn with Leather Palm



#### 4815

- ANSI cut level: A2
- 7-gauge
- 100% Kevlar® knit shell
- Two sided black PVC dots
- Elastic wrist
- Sizes: XS-L

4816 One sided black PVC dots, Sizes: S & L



#### 4815FL

- ANSI cut level: A2
- 7-gauge
- 100% Kevlar® knit shell
- Two sided black PVC dots
- · Reversible, fingerless
- Elastic wrist
- Sizes: S & L

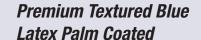
#### 4883

- ANSI cut level: A3
- 7-gauge
- 100% Kevlar® knit shell sewn with leather palm
- Select split shoulder leather palm
- · Reinforced thumb crotch
- Sizes: S-2XL · Elastic wrist



MARNING: Cancer - www.P65Warnings.ca.gov









#### 4700

- 10-gauge
- Gray cotton/polyester knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-XL



# Textured Black Latex Palm Coated



# Textured Black Latex Palm Coated



# Textured Black Latex Palm Coated



#### 4729HO

- 10-gauge
- Hi-viz orange cotton/polyester knit shell
- Non-slip grip
- · Elastic wrist
- Sizes: S-XL

# ABRASION = 2 CUT = 2 TEAR = 4 2242 PUNCTURE = 2

#### 4729HY

- 10-gauge
- Hi-viz green cotton/polyester knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-XL

#### ABRASION = 2 CUT = 2 TEAR = 4 2242 PUNCTURE = 2

#### 4729BK

- 10-gauge
- Black cotton/polyester knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-XL



## **Textured Black Latex** Palm Coated



## **Textured Black Latex** Palm Coated



## **Textured Blue Latex** Palm Coated



#### 4729CA

- 10-gauge
- Camouflage cotton/polyester knit shell
- Non-slip grip
- Elastic wrist
- · Sizes: S-XL



#### 4729SP

- 10-gauge
- Gray cotton/polyester knit shell
- Non-slip grip
- · Elastic wrist
- Sizes: S-XL

ABRASION = 2
CUT = 1
TEAR = 3
2131 PUNCTURE = 1

#### 4729

- 10-gauge
- Yellow cotton/polyester knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-XL

**4729G** Gray, Sizes: XS- XL



# ABRASION = 2 CUT = 1 TEAR = 3 3142 PUNCTURE = 1

## **Textured Black Latex** Palm Coated



## **Textured Black Foam** Latex Palm Coated



#### Blue Latex Palm Coated



#### 4779RD

- 13-gauge
- Red nylon/polyester knit shell
- Non-slip grip
- Elastic wrist
- Sizes: XS-2XL

# C E SN 388 ABRASION = 2 CUT = 1 TEAR = 3 PUNCTURE = 1

#### F4779LG

- 13-gauge
- · Hi-viz lime green nylon/polyester knit shell
- Non-slip grip
- · Elastic wrist
- Sizes: XS-2XL



## 4719

- 10-gauge
- White cotton/polyester knit shell
- · Non-slip grip
- Elastic wrist
- Sizes: S-XL

4749 Red latex, Size: Mens

4749BL Blue latex, Size: Mens

# Cut Resistant and Coated Seamless Gloves | FroGrip®



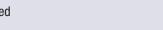
Heavy Thermal Lined Black PVC Foam Palm and Knuckle Coated





#### F4923

- ANSI cut level: A4
- 15-gauge green outer cut resistant knit shell
- 7-gauge heavy thermal lined seamless gloves
- Hydropellent™ proprietary black PVC foam coated
- Actifresh™ or Sanitized treated
- Elastic wrist Sizes: S-2XL



MARNING: Cancer - www.P65Warnings.ca.gov

Heavy Thermal Lined Black Latex Palm and Full Thumb Coated



## Heavy Thermal Lined Blue Latex Palm and Full Thumb Coated



## Heavy Thermal Lined Blue Latex Palm and Full Thumb Coated



#### 4789HO

- 7-gauge
- Hi-viz orange acrylic thermal knit shell
- · Non-slip grip
- Elastic wrist
- Sizes: S-2XL

# $\text{CF} \stackrel{\text{EN 388}}{\underset{2241}{\text{CUT}}} \text{ ABRASION = 2 } \underset{\text{TEAR}}{\underset{2}{\text{EN 511}}} \text{ ABRASION = 2 } \underset{\text{D2X}}{\underset{\text{PUNCTURE = 1}}{\underset{\text{PUNCTURE = 1}}{\text{EN 511}}} \text{ ABRASION = 2 } \text{ ABRASION$

#### 4789LG

- 7-gauge
- Hi-viz lime green acrylic thermal knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-2XL

# C C EN 388 ABRASION = 2 EN 511 CUT = 2 TEAR = 4 PUNCTURE = 1 0.2 X

#### 4789BL

- 7-gauge
- Blue acrylic thermal knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-2XL



## Heavy Thermal Lined Blue Foam Latex Palm and Knuckle Coated







#### F4781

- 15-gauge royal blue outer knit shell
- 7-gauge black thermal lining
- · Double dipped black fingertips
- Non-slip grip
- · Elastic wrist Sizes: S-2XL





# Heavy Thermal Lined Black Foam Latex Palm and Full Thumb Coated



# **Heavy Thermal Lined** Black Foam Latex Palm and Full Thumb Coated



# Heavy Thermal Lined **Black Foam Nitrile Fully Coated**



#### F4789H0

- 7-gauge
- · Hi-viz orange acrylic thermal knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-2XL

# ABRASION = 3 CUT = 1 TEAR = 4 3143 PUNCTURE = 3 02X

# F4789LG

- 7-gauge
- Hi-viz lime green acrylic thermal knit shell
- Non-slip grip
- Elastic wrist
- Sizes: S-2XL

# ABRASION = 3 CUT = 1 TEAR = 4 3143 PUNCTURE = 3 02X

# F4782

- 15-gauge gray nylon knit shell
- 7-gauge gray terry liner
- Non-slip grip
- Elastic wrist
- Sizes: S-2XL











#### F4600

- 15-gauge
- · Gray nylon knit shell
- · Superior grip and abrasion resistant
- Color coded hem
- · Elastic wrist
- Sizes: XS-2XL



# Black Micro-Foam Nitrile Palm and Knuckle Coated



# Black Micro-Foam Nitrile Fully Coated



# Black Micro-Foam Nitrile Palm and Knuckle Coated with Dots



#### F4601

- 15-gauge
- Gray nylon knit shell
- · Superior grip and abrasion resistant
- Color coded hem
- Elastic wrist
- Sizes: S-2XL

## F4602

- 15-gauge
- · Gray nylon knit shell
- · Superior grip and abrasion resistant
- · Color coded hem
- Elastic wrist
- Sizes: S-2XL

#### F4605

- 15-gauge
- · Gray nylon knit shell
- Superior grip and abrasion resistant
- · Color coded hem
- Elastic wrist
- Sizes: S-2XL

F4603 Black micro-foam nitrile palm coated with dots, Sizes: XS-2XL







# Gray Foam Nitrile Palm Coated



# Black Foam Nitrile Palm Coated



# Black High Density Polyurethane Palm Coated



#### F4630G

- 15-gauge
- White nylon knit shell
- · Color coded hem
- Elastic wrist
- Sizes: S-2XL

**F4631BK** Black nylon knit shell, black foam nitrile, Sizes: XS-2XL



#### F4030BK

- 13-gauge
- Blue CoolPlus® nylon knit shell
- Embossed pattern
- · Color coded hem
- Elastic wrist
- Sizes: XS-XL



#### F4610

- 15-gauge
- · Gray nylon knit shell
- Superior abrasion resistant
- · Food contact safe
- · Color coded hem
- Elastic wrist
- Sizes: S-2XL



# Gray Ultra-Thin Nitrile Palm Coated



# Black Ultra-Thin Nitrile Palm Coated



## Green Ultra-Thin Nitrile Palm Coated



#### 4631G/BK

- 13-gauge black nylon knit shell
- Sizes: S-XL

**4630G** 15 gauge, white nylon knit shell, gray nitrile, Sizes: XS-XL

**4630Q** White polyester knit shell, gray nitrile, Sizes: XS-XL

# CE A 388 ABRASION = CUT = TEAR = TEAR = TEAR

#### 4631Q/RD

- 13-gauge
- Red polyester knit shell
- · Color coded hem
- Elastic wrist
   Sizes: S-XL

**4631Q/BK** Black polyester knit shell, black nitrile, Sizes: XS-2XL

**4631Q/BL** Blue polyester knit shell, black nitrile, Sizes: S-XL



## 4759

- 10-gauge
- Gray cotton/polyester knit shell
- Color coded hem
- Elastic wrist
- Sizes: S-XL











#### 4638BK

- 13-gauge
- · Black nylon knit shell
- · Color coded hem
- Elastic wrist Sizes: XS-XL

P4638BK Black nylon/polyester knit shell, Sizes: XXS-2XL

SP4638BK Black polyester knit shell, Sizes: XXS-2XL

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## Gray Ultra-Thin Polyurethane Palm Coated



# Gray Ultra-Thin Polyurethane



## Black Ultra-Thin Polyurethane Palm Coated

CE SN 388 ABRASION = 4
CUT = 1
TEAR = 3



#### 4639G

- 13-gauge
- · Gray nylon knit shell
- · Color coded hem
- · Elastic wrist
- Sizes: XS-2XL

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

**SP4639G** Gray polyester knit shell, Sizes: XS-2XL



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# Palm Coated

# 4639

- 13-gauge
- White nylon knit shell
- · Color coded hem
- Elastic wrist
- Sizes: XS-XL

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

WARNING: Cancer - www.P65Warnings.ca.gov

#### 4639G/BK

- 13-gauge
- · Gray nylon knit shell
- · Color coded hem
- Elastic wrist
- Sizes: XS-XL





#### SP4636

- 13-gauge
- Hi-viz yellow polyester knit shell
- · Color coded hem
- Elastic wrist
- Sizes: XS-XL

**SP4637** 

· Color coded hem

· Elastic wrist

• Sizes: S-XL

• 13-gauge

MARNING: Cancer - www.P65Warnings.ca.gov



**Gray Ultra-Thin** 

Polyurethane Palm Coated



# Polyurethane Palm Coated

# 4638

- 13-gauge
- · Black nylon knit shell
- · Color coded hem
- Elastic wrist
- · Sizes: S-XL

P4638 Black nylon/polyester knit shell, Sizes: S-XL

SP4638 Black polyester knit shell, Sizes: XS-2XL



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#### 4640

**p**-Grip™

- 13-gauge
- · White nylon knit shell

White Ultra-Thin

Polyurethane Palm Coated

- · Color coded hem
- Elastic wrist Sizes: XS-XL

P4640 White nylon/polyester knit shell, Sizes: XS-XL

SP4640 White polyester knit shell, Sizes: XS-XL



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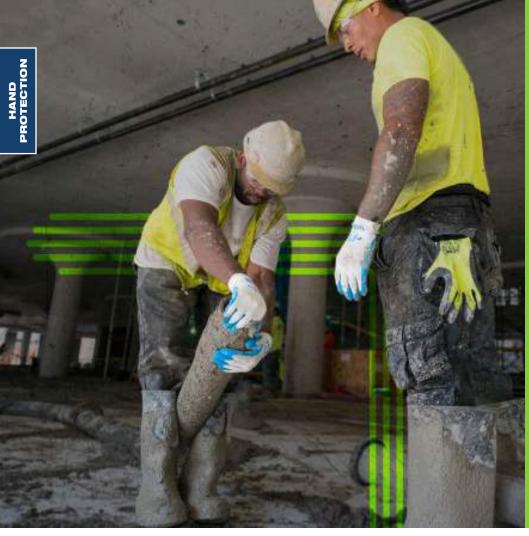
# Hi-Viz Orange Ultra-Thin





• Hi-viz orange polyester knit shell

*P-Grip*™



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 Natural rubber

LINER Polyester Cotton

10-gauge

GRIP Rough

COLOR

Light gray/blue palm

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



[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 Natural rubber

**LINER** Polyester Cotton

10-gauge

GRIP Rough

**COLOR** 

Gray/black palm

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



[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

GRIP **COATING** Rough

LINER Polyester Cotton

Natural rubber

10-gauge

COLOR Gray/blue coating

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





[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

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

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



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

[NITRILE]

#### **KEY BENEFITS**

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

y palm

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



Crafted with a durable nitrile coating over a 10-gauge seamless knit liner, SHOWA 350 is the perfect storm of comfort, oil-resistance, 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

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

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



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

[FOAM NITRILE]

#### **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

13-gauge

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

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



[NATURAL RUBBER]

Custom designed to keep you warm when similar work gloves can't, SHOWA 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

[NITRILE]

- + Good mechanical resistance
- + Insulated, high warmth
- + Ergonomic design

GRIP **COATING** Natural rubber Rough COLOR **LINER** Polyester Light gray/gray palm Cotton Acrylic

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



4550

Crafted with a 15-gauge seamless knit and our high performance, oil-resistant Zorb-IT® technology, SHOWA 4550 absorbs oil and grease while still delivering a maximum long-lasting grip.

#### **KEY BENEFITS**

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

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

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





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



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



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

#### **KEY BENEFITS**

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

COATING Natural rubber

LINER

Kevlar<sup>e</sup>

GRIP Rough

COLOR Yellow/blue palm

#### **KEY BENEFITS**

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

COATING Nitrile

**GRIP** Rough

COLOR LINER Yellow/green palm Kevlar

#### **KEY BENEFITS**

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

**COATING** PVC

**GRIP** Rough

**LINER** 

COLOR Blue Kevlar

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



[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 conditions.

#### **KEY BENEFITS**

541

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

1 pair per polybag 6 dozen pair per case

COATING Polyurethane LINER

**GRIP** Rough **COLOR** 

Gray/gray palm

**HPPE** 

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



[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

**GRIP** Rough

LINER **HPPE** 

**COLOR** Light gray/blue palm

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

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



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 fatique

**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

**PACKAGING:** 6/S, 7/M, 8/L, 9/XL, 10/XXL





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**

**377** 

- + 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 Nitrile Foam nitrile	<b>GRIP</b> Foam
LINER	COLOR

Seamless knit Blue coating/black 13-gauge palm

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



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**

13-gauge

- + 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 Natural rubber	<b>GRIP</b> Foam	
LINER	COLOR	
Polyester	Blue/black palm	
Cotton		

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

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

#### **KEY BENEFITS**

- + Ultra-tactile grip
- + Superior flexibility & durability
- + Fixed acrylic terry liner
- + Longer reinforced knit cuff
- + Impermeable to end of coating
- + Full hand protection

Nylon

- + Long-lasting warmth & comfort
- + Resistant to abrasion & tearing

<b>COATING</b> Foam Nitrile	<b>GRIP</b> Foam
LINER	COLOR
Acrylic	Blue coating/black
Polvester	palm

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



281

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**

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

Nylon

+ Form-fitting design

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

Blue

**PACKAGING:** 7/S, 8/M, 9/L, 10/XL 10 pair per polybag, 6 polybags per case 60 pair per case



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**

**381** 

[INSULATED]

- + 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

<b>COATING</b> Foam Nitrile	<b>GRIP</b> Embossed
<b>LINER</b> Microfiber Nylon 13-gauge	<b>COLOR</b> Gray/black palm

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



282

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

[POLYURETHANE]

#### **KEY BENEFITS**

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

COATING	<b>GRIP</b>	
Polyurethane	Rough	
LINER Acrylic Insulated	<b>COLOR</b> Blue	

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





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

#### **KEY BENEFITS**

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

GRIP COATING Rough PVC LINER COLOR Green Cotton Seamless knit

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



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

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



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

620

[PVC]

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

**LENGTH** COATING 12 inches PVC COLOR LINER Orange Cotton **GRIP** Rough

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



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.

690

[NITRILE]

**COATING LENGTH** 26 inches PVC **COLOR** LINER Blue Cotton **GRIP** Rough

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



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**

660

[PVC]

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

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

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



772

[PVC]

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.

[NITRILE]

<b>COATING</b> Nitrile	<b>LENGTH</b> 26 inches		
<b>LINER</b> Cotton	<b>COLOR</b> Yellow		
Polyester	<b>GRIP</b> Rough		

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



[NITRILE]



Cotton-lined PVC construction combined

with smooth (7714) or rough (7714R) finish.

+ Barrier protection from chemicals, oil and grease

with a 14-inch gauntlet, SHOWA 7714

provides defensive protection from

chemicals, oils and grease. Available

7714/R

[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**

7066/R

+ Palm coating, safety cuff

# 66NFW [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 Natural rubber **GRIP** Rough

**LINER** Cotton

**COLOR** White/yellow palm **COATING** PVC

**KEY BENEFITS** 

+ Abrasion resistant

+ Extremely versatile

+ Outstanding durability

LENGTH 14 inches COLOR

**LINER** Cotton

Black

GRIP

Smooth (7714), Rough (7714R)

PACKAGING: 10/L

6 dozen pair per case

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



6797/R

[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 Neoprene **LENGTH** Elbow-length

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

**PACKAGING:** 10/L 3 dozen pair per case

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

Viton over Butyl

LINER

Unlined

**GRIP** Smooth LENGTH 12 inches

[VITON +BUTYL]

THICKNESS 12 mil

COLOR

**COLO** Black

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

COATING
Nitrile
LINER

Cotton

COLOR White/navy palm

**GRIP** 

Rough

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



874/R

[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**Butyl

**LENGTH** 14 inches

**LINER** Unlined THICKNESS 14 mil

**GRIP** Smooth (874) Rough (874R) COLOR Black

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



[NITRILE]

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.



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 THICKNESS
Nitrile 4 mil

LINER LENGTH
Disposable 9.5 inches

GRIP COLOR
Bisque Blue

**PACKAGING :** XS, S, M, L, XL, XXL 100 gloves per dispenser\*

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



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

#### **KEY BENEFITS**

- + Decreased risk of allergies
- + Superior durability & versatility
- + Limited chemical protection
- + Second-skin fit & feel
- + Rolled cuff 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, XXXL\*\* 100 gloves per dispenser\*

20 dispensers per case

\* "PF" indicates powder-free option is available

\*\* Only 7005 is available in XXXL



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

Accelerator-free formulation.

#### **KEY BENEFITS**

[NITRILE]

- + 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





Powder-free, 5-mil, 12-inch, disposable Biodegradable, powder free, 4-mil, 9.5inch, disposable low-modulus nitrile glove with Eco Best Technology® (EBT).

**KEY BENEFITS** 

disposable gloves

+ 100% biodegradable

+ Second-skin fit & feel

+ Decreased risk of allergies

+ High performance of protection



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

#### **KEY BENEFITS**

CleaN-DEX®

C9905PF

- + Clean-room device
- + Lower allergy risks
- + Anti-static properties

Clean-room device.

+ Repels wet substances

low-modulus nitrile glove.

- + Rolled cuff helps keep debris out
- + Ambidextrous

POLYMER Nitrile Low-modulus 5 mil **LENGTH** LINER 12 inches

PACKAGING: XS, S, M, L, XL

Disposable GRIP

Bisque fingertips

10 polybags per case

**THICKNESS** 

COLOR

Off white

[NITRILE]

**POLYMER** Nitrile w/ EBT Low-modulus

**LINER** Disposable

GRIP Bisque fingertips **THICKNESS** 

4 mil

**LENGTH** 9.5 inches

**COLOR** Green

PACKAGING: XS, S, M, L, XL, XXL

+ Performs same as non-EBT nitrile

100 gloves per dispenser 10 dispensers per case

#### **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 THICKNESS** Nitrile w/ EBT 4 mil Low-modulus **LENGTH** 

LINER Disposable

GRIP

Smooth Black

9.5 inches

**COLOR** 

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



Competitively-priced 8-mil, powder-free, nitrile glove, the SHOWA 8500PF is designed for the consumer in mind.

# N-DEX® **8005/PF** [NITRILE]

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

# N-DEX® 9700PF

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

Accelerator-free formulation.

#### **KEY BENEFITS**

+ Latex-free

**POLYMER** 

Nitrile

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

#### **KEY BENEFITS**

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

Smooth



**THICKNESS POLYMER** Nitrile Low-modulus 8 mil **LENGTH LINER** Disposable 9.5 inches **GRIP** COLOR

Light blue

PACKAGING: S, M, L, XL 50 gloves per dispenser 20 dispensers per case

#### **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

**THICKNESS POLYMER** Nitrile Low-modulus 6 mil **LENGTH** LINER Disposable 11 inches **GRIP** COLOR Bisque fingertips Black

PACKAGING: S, M, L, XL 50 gloves per dispenser 20 dispensers per case

LINER **LENGTH** 9.5 inches Disposable **GRIP COLOR** Blue Smooth

**THICKNESS** 

8 mil

PACKAGING: S, M, L, XL 50 gloves per dispenser 20 dispensers per case

[NITRILE]

# HAND ROTECTION











## **Coated Supported Gloves**

Nitrile Coated
Neoprene Coated
Nitrile Coated - Cut & Sewn
Vinyl Coated
Vinyl Laminated
Vinyl Impregnated
Rubber Coated/PVC Coated

# Liquid Proof Unsupported Gloves

Unsupported Nitrile
Unsupported Neoprene
Unsupported Latex
Unsupported Rubber

# **Chemical Resistant Gloves**

There are 3 key components for choosing the right chemical glove for your application:

- Understanding the chemical properties
- Identifying potential hazards
- Determining contact duration

Supported gloves are made by dipping a woven or knitted liner into the compound. The liner provides extra strength and insulation.

Unsupported gloves are made by dipping bare hand molds into the glove compound. These gloves are superior in applications where tactile sensitivity and dexterity are needed.

**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 unsupported gloves a good choice for general purpose use.

**Neoprene** has the basic chemical resistance qualities as nitrile but with less abrasion resistance. Both nitrile and neoprene are available in unsupported and coated (palm or fully coated) depending on the application. Nitrile and neoprene offer similar basic protection.

Rubber (Latex) coated gloves resist bases, acids, alcohols, and diluted aqueous solutions of most types of chemicals.

Rubber coated gloves add superior grip and cut resistance.

Rubber coated gloves are a great choice for handling ceramic, glass and some sharp edged products.

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 base liner such as knit lining) or impregnated (PVC blends through a cotton or jersey liner). PVC is an excellent choice for chemical and abrasion resistance where moisture is not a concern.

# **Chemical Resistant Chart**

#### SUPPORTED GLOVE PERFORMANCE CHART:

	CHEMICAL	NATURAL RUBBER	NEOPRENE	NITRILE	POLYVINYL CHLORIDE (PVC)
1	Acetaldehyde	F	Е	Р	NR
2	Acetic Acid	G	Е	G	F
3	Acetone	G	G	NR	NR
4	Acetonitrile	F	F	F	NR
5	Acrylic Acid	Е	NR	G	NR
6	Ammonium Fluoride	Е	Е	E	Е
7	Ammonium Hydroxide <30%	G	E	Ē	Ē
8	Amyl Acetate	F	NR	Ē	P
9	Amyl Alcohol	G	P	G	NR
10	Aniline	P	G	NR	F
11	Animal Fats	P	E	E	G
		-			
12	Battery Acid	G	E	E	E
13	Benzaldehyde	F	NR	NR	NR
14	Benzene	NR	NR	Р	NR
15	benzoy chloride	Р	NR	NR	NR
16	Butane	Р	F	Е	Р
17	Butyl Acetate	Р	NR	F	NR
18	Butyl Alcohol	Е	Е	Р	G
19	Butyl Cellosolve®	Е	Е	Е	NR
20	Carbolie Acid	P	E	 P	G
21	Carbon Disulfide	NR.	NR	NR	NR
22	Carbon Tetrachloride	NR	P	G	NR
23	Castor Oil	E	E	E	IND.
24		G	F	G	NR
	Cellosolve® Acetate				
25	Cellosolve® Solvent	E	E	G	NR
26	Chlorine Gas	NR	NR	Е	F
27	Chlorobenzene	NR	NR	NR	NR
28	Chloroform	NR	F	NR	NR
29	Chloronapthalene	NR	NR	F	NR
30	Chlorothene® VG	NR	NR	F	Р
31	Chromic Acid	NR	F	F	G
32	Citric Acid	Е	Е	Е	Е
33	Cottonseed Oil	P	E	Ē	G
34	Cresol	P	G	G	F
35	Cutting Oil	F	E	E	P
36	Cyclohexane	P	F	E	P
37	Cyclohexanol	P	E	E	G
		-		F	NR
38	Diacetone Alcohol	NR	G	-	
39	Dibutyl Phthalate	P	F	E	G
40	Diethylamine	NR	P	F	NR
41	Di-Isobutyl Ketone	Р	Р	Е	P
42	Dimethyl Formamide,DMF	Е	G	NR	NR
43	Dimethyl Sulfoxide,DMSO	E	Е	Е	NR
44	Dioctyl Phthalate,DOP	Р	G	G	NR
45	Dioxane	F	NR	NR	NR
46	Ethyl Acetate	Р	F	NR	NR
47	Ethyl Alcohol	E	E	Е	G
48	Ethylene Dichloride	P	NR	NR	NR
49	Ethylene Glycol	Ë	E	E	E
50	Ethyl Ether	NR	E	E	NR
	,		_		
51	Ethylene Trichloride	P	P	P	NR
52	Formaldehyde	E	E	E	E
53	Formic Acid	E	E	E	E
54	Freon®TF	NR	G	F	NR
55	Furfural	Е	G	NR	NR
56	Gasoline (white)	NR	Р	Е	Р
57	Glycerine	Е	Е	Е	Е
58	Hexane	NR	Е	Е	NR
59	Hydraulic Fluid - Petroleum Base	Р	F	E	G
60	Hydraulic Fluid - Ester Base	P	P	 P	P
61	Hydrazine 65%	G	E	E	Ë
62		E	E		E
	Hydrochloric Acid 30%			E	
63	Hydrochloric Acid	G	E	E	E
64	Hydrochloric Acid	G	E	E	E
65	Hydrogen Peroxide 30%	Е	E	E	E
66	Hydropuinonc Saturated	G	E	E	E
67	Isoamyl Alcohol	G	Е	Е	G
68	Isobutyl Alcohol	Е	Е	Е	F
69	Iso-Octane	NR	Е	Е	Р

#### **UNSUPPORTED GLOVE PERFORMANCE CHART:**

		PHYSICAL CHARACTERISTICS	NATURAL Rubber	NEOPRENE	NITRILE	POLYVINYL CHLORIDE (PVC)
	1	Abrasion Resistance	G	G	Е	G
	2	Elongation	Е	Е	G	F
	3	Heat Resistance	F	Е	Е	Р
	4	Ozone Resistance	G	Е	G	Е
	5	Tear Resistance	G	G	G	F
L	6	Tensile Strength	Е	Е	Е	F

	CHEMICAL	NATURAL RUBBER	NEOPRENE	NITRILE	POLYVINYL CHLORIDE (PVC)
70	Isopropyl Alcohol	Е	Е	Е	G
71	Kerosene	Р	Е	Е	F
72	Lactic Acid 85%	Е	Е	Е	E
73	Lauric Acid	G	E	Е	F
74	Linoleic Acid	Р	E	E	G
75	Linseed Oil	Р	E	E	E
76 77	Maleic Acid saturated	P P	E G	E P	G NR
78	Methyl Acetate Methyl Alcohol	E	E	E	G
79	Methylamine	E	G	E	E
80	Methylene Bromide	NR	NR	NR	NR
81	Methylene Chloride	NR	NR	NR	NR
82	Methyl Cellosolve®	Р	Е	F	-
83	Methyl Ethyl Ketone,MEK	G	G	NR	NR
84	Methyl Isobutyl Ketone,MIBK	F	NR	Р	NR
85	Methyl Methacrylate	Р	NR	Р	NR
86	Mineral Oil	Р	Е	Е	F
87	Mineral Spirits	NR	G	Е	F
88	Monoethanolamine	G	E	E	E
89	Morpholine	G	P	NR	NR
90	Muriatic Acid	G	E	E	G P
91 92	Naphtha VM&P Nitric Acid <30%	NR G	G E	G	G
93	Nitric Acid <50%	F	G	G	F
94	Nitric Acid Red Fuming	P	NR	NR	P
95	Nitric Acid White Fuming	P	NR	NR	P
96	Nitrobenzene	P	NR	NR	NR.
97	Nitromethane	G	Е	F	Р
98	1-Nitropropane	Е	G	NR	NR
99	Octane	NE	Е	Е	Р
100	Octyl Alcohol	G	Е	Е	F
101	Oleic Acid	Р	E	Е	F
102	Oxalie Acid Saturated	E	E	E	E
103	Paint Remover	F	G	G	P
104	Palmitic Acid Saturated	G P	E	G E	G F
105	Pentachlorophenol 1.25% H20 Pentane	P	E E	E	NR
107	Perchloric Acid 60%	P	E	E	IND E
108	Perchlorethylene	NR	NR	G	NR
109	Phenol	G	E	NR	G
110	Phosporic Acid, Conc.	E	E	Е	E
111	Picric Acid Saturated/EtOH	G	Е	Е	Е
112	Potassium Hydroxide <50%	Е	Е	Е	Е
113	Printing Ink	G	G	Е	F
114	Propyl Acetate	Р	Р	F	NR
115	Propyl Alcohol	E	Е	Е	F
116	Propyl Cellusolve®	G	NR	G	F
117	Propylene GlycolPropylene Oxide	E	E	E	E
118 119	Propylene Oxide	P NR	NR	NR	NR NB
	Pyridine Pubber solvent		NR	NR	NR NB
120 121	Rubber solvent Safrotin	NR G	G G	E G	NR G
122	Sodium Hydroxide <50%	E	E	E	E
123	Stoddard Solvent	P	E	E	NR
124	StyreneSulfuric Acid 95%	NR	NR	NR	NR
125	Sulfuric Acid 95%	NR	F	F	G
126	Tannic Acid 65%	Е	E	E	E
127	Tetrahydrofuran,THF	NR	NR	NR	NR
128	Toluene	NR	Р	G	NR
129	Toluene Di-Islcyanate,TDI	Р	NR	NR	Р
130	1,1.1-Trichloroethane	NR	NR	F	NR
131	Trichlorethylene,TCE	NR	P	G	NR
132	Tricresyl Phosphate,TCP	G	F	E	F
133	Triethanolamine 85%,TEA	G	E	E	E
134	Tung Oil	NR	E	E	F
135 136	Turbine Oil Turpentine	P P	E G	G E	F
136	Vegetable Oil	E	E	E	E
138	Xylene,Xylol	NR	P	G	NR
.50		. 41.1		J	1411

CHART KEY:		
E = EXCELLENT	F = FAIR	NR = NOT RECOMMENDED
G = GOOD	P = POOR	

SUPPORTED / UNSUPPORTED CHEMICAL RESISTANCE CHART:
This chart has 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 the product of the pr to actual use. The manufacturer, distributor, and sales representative do not accept responsibility for the user's choice of product against any particular risk.

# **Supported Gloves | Nitrile Coated**

# Smooth Finish Blue Nitrile with Knit Wrist



#### 9463

- Heavy weight coated
- Jersey lined Fully coated
- Actifresh<sup>™</sup> or Sanitized treated
- Knit wrist
- Sizes: S-L

**9363** Heavy weight, palm coated, jersey lined, Sizes: S-L

**9473** Light weight, fully coated, interlock lined, Sizes: S-L

**9373** Light weight, palm coated, interlock lined, Sizes: S-L

# Smooth Finish Blue Nitrile with Safety Cuff



#### 9360

- · Heavy weight coated
- Jersey lined
- Actifresh<sup>™</sup> or Sanitized treated
- · Palm and knuckle coated
- 2 1/2" plasticized safety cuff
- Sizes: S-L

9460 Heavy weight, fully coated

## Rough Finish Blue Nitrile



#### 9430

- · Heavy weight coated
- Jersey lined
- Actifresh<sup>™</sup> or Sanitized treated
- · Fully coated
- 21/2" plasticized safety cuff
- Size: Mens

9433 Fully coated, knit wrist

9330 Palm coated, safety cuff

9333 Palm coated, knit wrist

# Smooth Finish Black Neoprene



#### 9560

- Premium multi-dipped
- Jersey lined
- · Fully coated
- 21/2" plasticized safety cuff
- Size: Mens

**9562** 12" gauntlet, interlock lined

**9563** knit wrist, interlock lined

**9564** 14" gauntlet, interlock lined

# Rough Finish Black Neoprene



#### 9532

- · Premium multi-dipped
- · Interlock lined
- 12" gauntlet
- Size: Mens

**9544** 14" gauntlet, interlock lined

**9534** 14" gauntlet, foam lined

## Cut & Sewn Blue Nitrile Coated



#### 9440

- Straight thumb
- · Slip-on style
- Interlock lined
- Sizes: Mens M-XL

9450 Sizes: Ladies S-L

9441 Perforated back,

Sizes: Mens M-XL

**9451** Perforated back,

Sizes: Ladies S-L

# Supported Gloves | Vinyl/Rubber Coated

# Seamless Textured Vinyl Coated



#### 5930

- Slip-on style
- Seamless knit lined
- Actifresh<sup>™</sup> or Sanitized treated
- Sizes: S-L

**5920** Interlock lined, Sizes: S-L

MARNING: Cancer - www.P65Warnings.ca.gov

# Seams Out Textured Vinyl Coated



#### 5910

- Slip-on style
- Jersey lined
- Actifresh<sup>™</sup> or Sanitized treated
- Sizes: S-L

WARNING: Cancer - www.P65Warnings.ca.gov

# Rust Vinyl Impregnated



#### 5310

- Slip-on style
- · Stretch fabric
- Cotton lined
- · Color coded hem
- Sizes: Mens M-XL

**5320** Sizes: Ladies S-L

MARNING: Cancer - www.P65Warnings.ca.gov

# Canvas with Vinyl Impregnated Palm



#### 5343

- Yellow vinyl impregnated palm and index finger
- · Canvas fabric back
- Knit wrist
- Size: Mens

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

## Natural Rubber Crinkle Latex Finish Coated



#### 2320

- · Premium grade rubber
- Jersey lined
- 21/2" heavy canvas cuff
- Size: Mens

2300 Standard weight rubber, 2½" starched safety cuff, Sizes: S & L

## Natural Rubber Latex Crinkle Finish Coated



#### 2323

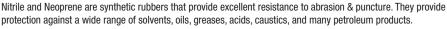
- · Premium grade rubber
- Knit wrist
- Jersey lined
- Sizes: S & L

**2303** Standard weight rubber, knit wrist, Sizes: S & L

# SUPPORTED GLOVE SIZING CHART (Cuff thread color code)



# SYNTHETIC RUBBERS Nitrile and Neoprene are synthetic rul



Neoprene and Nitrile gloves normally function well in temperatures ranging from 25°F (-4°C) to 300°F (149°C).

# **Supported Gloves | PVC Coated**

#### Smooth Finish Black PVC



#### 2233

- Single dipped
- Interlock lined
- 12" gauntlet
- Sizes: S-L

2231 Knit wrist, Sizes: S & L

2232 10" gauntlet

2234 14" gauntlet

**2238** 18" gauntlet

**★WARNING:** Cancer - www.P65Warnings.ca.gov

#### Semi-Rough Black PVC



#### 2131

- · Single dipped
- Interlock lined
- Knit wrist
- Size: Mens

**21310B** Open back

**2132** 10" gauntlet

**2133** 12" gauntlet

**2134** 14" gauntlet

WARNING: Cancer - www.P65Warnings.ca.gov

#### Rough Finish Black PVC



#### 12433

- Double dipped Jersey lined
- 12" gauntlet
- Size: Mens

12431 Knit wrist

12432 10" gauntlet

12434 14" gauntlet

12438 18" gauntlet

**12421** Interlock lined, knit wrist

12423 Interlock lined, 12" gauntlet

12424 Interlock lined, 14" gauntlet

**MARNING:** Cancer - www.P65Warnings.ca.gov

## Sandy Finish Green PVC



#### 2733

- Double dipped
- Jersey lined
- 12" gauntlet
- Size: Mens

**2731** Knit wrist

2734 14" gauntlet

**2738** 18" gauntlet

## Sandy Finish Blue PVC



#### 2723BL

- Triple dipped
- · Interlock lined
- 12" gauntlet
- Size: Mens

2753BL 12" gauntlet, thermal lined

## Sandy Finish Black PVC



#### 2633

- Double dipped
- Jersey lined
- 12" gauntlet
- Size: Mens

2631 Knit wrist

**2632** 10" gauntlet

**2634** 14" gauntlet

2638 18" gauntlet

2622 10" gauntlet, interlock lined

2623 12" gauntlet, interlock lined

2624 14" gauntlet, interlock lined

WARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

**★WARNING:** Cancer - www.P65Warnings.ca.gov

# **Supported Gloves | PVC Coated**

Foam Insulated Fully Coated

Smooth Finish PVC

#### Smooth Finish Yellow PVC



#### 2333

- Single dipped
- Interlock lined
- 12" gauntlet
- Size: Mens

2331 Knit wrist

2334 14" gauntlet

**2331JL** Jersey lined, knit wrist

233JL Jersey lined, 12" gauntlet

2334JL Jersey lined, 14" gauntlet

**★WARNING:** Cancer - www.P65Warnings.ca.gov

# Foam Insulated Fully Coated Smooth Finish PVC



#### 2521

- Fluorescent orange
- Knit wrist
- Size: Mens

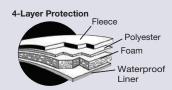
#### 2530

- Tan color
- 2 1/2" rubberized safety cuff
- Size: Mens

2520 Rubberized safety cuff

**2523** 12" gauntlet

2524 14" gauntlet



WARNING: Cancer - www.P65Warnings.ca.gov

MARNING: Cancer - www.P65Warnings.ca.gov

# Sandy Finish Fluorescent Orange PVC



#### 2544

- Double dipped
- Polar fleece lining
- 14" gauntlet
- Size: Mens

2540 2 ½" rubberized safety cuff

2541 Knit wrist

**2543** 12" gauntlet

## Sandy Finish Black PVC



#### 2640

- Double dipped
- Black PVC over yellow
- Jersey lined
- 2 1/2" plasticized safety cuff
- Size: Mens

# **PVC Chips Finish on Red PVC**



#### 2450

- Triple dipped
- Jersey lined
- · Band top
- Size: Mens

2451 Knit wrist

**2453** 12" gauntlet

**2454** 14" gauntlet

WARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

MARNING: Cancer - www.P65Warnings.ca.gov

# Unsupported Gloves | Neoprene/Latex/Nitrile/Rubber Coated

## 30 Mil Black Neoprene



# 28 Mil Orange Heavy Weight Neoprene/Latex



# 28 Mil Blue Neoprene over Yellow Latex



#### 2650SP

- Embossed grip on palm and fingers
- 13" length
- Flock lined
- Bacteriostatic and fungistatic additives
- FDA conformance for repeated use with food
- Sizes: S-2XL

#### 2876SP

- Embossed grip on palm and fingers
- 13" length
- · Flock lined
- Bacteriostatic and fungistatic additives
- FDA conformance for repeated use with food
- Sizes: S-XL

#### 2570SP

- Embossed grip on palm and fingers
- 13" length
- Flock lined
- Bacteriostatic and fungistatic additives
- FDA conformance for repeated use with food
- Sizes: S-XL

## Green Nitrile



#### 2970SL

- 15 mil 13" length
- · Embossed grip on palm and fingers
- Flock lined
- Sizes: S-2XL

2980SL 11 mil, unlined, Sizes: S-2XL

**2960SL** 15 mil, unlined, Sizes: S-2XL

2950SL 22 mil, 18" length, unlined, textured grip, Sizes: M-2XL

# 40 Mil Black Natural Rubber with Diamond Grip



#### 2814

- Embossed diamond grip on palm and fingers
- 14" length
- · Rolled cuff
- Individual poly bag per pair
- Size: 10

**2818** 18" length, Sizes: 10, 11 **2824** 24" length, Size: 11

# 40 Mil Black Natural Rubber with Crinkle Finish



#### 2844

- Embossed diamond grip on palm and fingers
- 14" length
- · Rolled cuff
- Individual poly bag per pair
- Sizes: 10, 11

2848 18" length, Size: 11

# **Unsupported Gloves | Latex/Rubber Coated**

# 50 Mil Heavy Rubber Core Layer



## 18 Mil Natural Latex Canners



## 18 Mil Natural Latex Canners



#### 2820

- Diamond grip on palm and fingers
- · Lightly powdered
- · Rolled cuff
- Individual poly bag per pair
- Sizes: 9, 9.5, 10, 10.5, 11

#### 2860

- Crinkle finish on palm and fingers
- Unlined
- · Rolled cuff
- Individual poly bag per pair
- Sizes: 8, 9, 9.5, 10, 11

#### 2880SL

- Embossed grip on palm and fingers
- 12" length
- Unlined
- Sizes: S-XL

**2880** ■ 18 mil, natural canners, Sizes: S-XL

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

#### CAUTION:

Natural rubber products contain proteins that may cause allergic reactions in some individuals

#### **Blue Latex Canners**



#### 2886SL

- 18 mil
- · Embossed grip on palm and fingers
- 12" length
- Unlined
- Sizes: XS-XL

**2886** ■ 18 mil, blue canners, Sizes: S-XL

**2884** 14 mil, blue canners, Sizes: S-XL

# 18 Mil Yellow Latex Household



#### 2870SL

- Embossed diamond grip on palm and fingers
- 12" length
- Flock lined
- Sizes: S-XL

**2871** ■ Duraskin® retail package per pair, Sizes: S-XL

**2874SL** 20 mil, rolled cuff, individual generic poly bag per pair, Sizes: S-XL

## 18 Mil Blue Latex Household



#### 2870BSL

- Embossed grip on palm and fingers
- 12" length
- Flock lined
- Sizes: S-XL



Our gloves are manufactured in ISO-9001 approved facilities with state of the art equipment. These measures ensure consistently high quality gloves with every shipment.



## DuraSkin® Industrial Grade Gloves

Disposable Latex
Disposable Nitrile
Disposable Vinyl
Disposable Chloroprene
Disposable Polyethylene

## BioSkin® Medical Grade Gloves

Medical Examination Latex Medical Examination Nitrile Medical Examination Vinyl



# **Disposable Gloves**

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.

**Nitrile** gloves are manufactured using synthetic polymers and are more puncture resistant than natural rubber. Offering superior resistance to punctures and abrasions, 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.

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.

**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.

**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.

Complying with FDA and USDA regulations, our vast selection is suitable for every application and budget.

# **Icon Legend**



**Industrial Grade** 



**Examination Gloves** 



Powder-Free



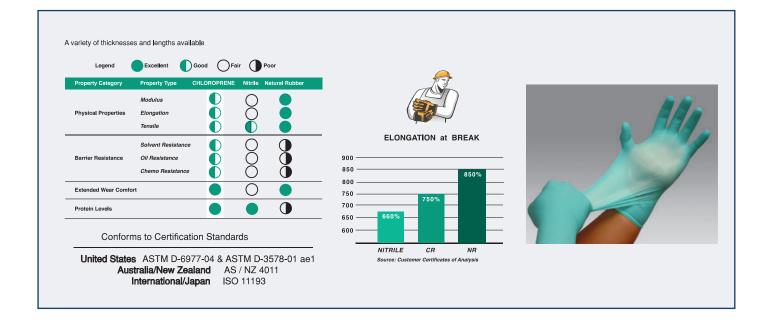
Powdered



Latex Free



100% Recyclable



# **Disposable Latex**



# Disposable Industrial Grade Latex Gloves



- Standard grade
- 100 gloves per dispenser box
- Sizes: XS XL

**2800W** Lightly powdered, textured finish, Sizes: XS-XL

**S2810W** Powder-free, single chlorinated, smooth finish, Sizes: S-XL

**2810ML** Medical grade, Powder-free, textured finish, Sizes: S-XL

# Disposable Industrial Grade Blue Latex Gloves



#### 2816W

- · Standard grade
- 100 gloves per dispenser box
- Sizes: S-XL

# Disposable Industrial Grade Safety Latex Gloves



#### 2830HR

- 10 mil thickness
- 12" length
- 50 gloves per dispenser box
- Sizes: S-XL

# Medical Examination Grade Blue High Risk Latex Gloves



#### 2846HR

- 14 mil thickness
- 12" length
- 50 gloves per dispenser box
- Sizes: S 2XL













# **Disposable Nitrile**





# Medical Examination Grade Blue Nitrile Gloves

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



#### 2010ML

• Sizes: XS - 2XL

- · Standard grade
- 100 gloves per dispenser box
- Sizes: XS XL

**F2010MLC** Powder-free, Sizes: S-XL







# Disposable Industrial Grade Blue Nitrile Gloves



#### 2016W

- 6 mil thickness
- 100 gloves per dispenser box
- Sizes: S 2XL







# Disposable Industrial Grade Blue Nitrile Gloves



# 2018W

- 8 mil thickness
- 50 gloves per dispenser box
- Sizes: S 2XL

**2008W** Lightly powdered, Sizes: S-XL







# **Disposable Nitrile**





Disposable Industrial Grade Blue Nitrile Gloves



#### 2022W

- 8 mil thickness
- 12" length
- 50 gloves per dispenser box
- Sizes: S 2XL



2016BK 6 mil, Powder-free,

Sizes: S - 2XL



#### 2026W

- Standard grade
- 100 gloves per dispenser box
- Sizes: S-XL

# Disposable Industrial Grade White Nitrile Gloves



#### 2017W

- Standard grade
- 100 gloves per dispenser box
- Sizes: S-XL



















# **Disposable Nitrile**





# Disposable Industrial Grade Black Nitrile Gloves

• 100 gloves per dispenser box

• Sizes: M - 2XL



#### 2026BK

- 6 mil thickness
- Diamond textured
- 100 gloves per dispenser box
- Sizes: M 2XL



# Disposable Industrial Grade Orange Nitrile Gloves



# 2010HO

- Standard grade
- 100 gloves per dispenser box
- Sizes: S 2XL

# **Disposable Vinyl**



# Disposable Industrial Grade **Vinyl Gloves**



- 100 gloves per dispenser box
- Sizes: S 2XL

**2910W** Powder-free, Sizes: S-XL







WARNING: Cancer - www.P65Warnings.ca.gov

# **Medical Examination Grade Vinyl Gloves**

2910

· Standard grade

• Sizes: S-XL

• 100 gloves per dispenser box

**MARNING:** Cancer - www.P65Warnings.ca.gov



# Disposable Industrial Grade **Green Vinyl Gloves**



# 2904W

- 6.5 mil thickness
- 100 gloves per dispenser box
- Sizes: S 2XL

WARNING: Cancer - www.P65Warnings.ca.gov

# Disposable Industrial Grade **Blue Vinyl Gloves**



2905W Lightly powdered, 100 gloves per polybag, Sizes: S-XL

#### 2906W

- Standard grade
- 100 gloves per dispenser box
- Sizes: S 2XL

2916W Powder-free, Sizes: S-XL















# Polyethylene & Chloroprene (CR Pro)

# Clear Polyethylene Gloves





- Embossed grip
- 100 gloves per dispenser box, 100 dispensers per case
- Sizes: S-L











# 2011W

- 6 mil thickness
- 100 gloves per dispenser box
- Sizes: S XL







# Disposable Industrial Grade Chloroprene Gloves



# 2012W

- 8 mil thickness
- 12" length
- 50 gloves per dispenser box
- Sizes: S 2XL

















**WASP™ DEFENDER™** 

**NEOKNIGHT™** 1STKNIGHT™

**BLACKNIGHT REINFORCER™** 

**BLUEKNIGHT ONYXWARRIOR**<sup>™</sup>

**COUGAR™ GOLDENKNIGHT**<sup>™</sup>

**CRIMSONWARRIOR™** 



# **Mechanic Gloves**

Lightning Gear™ gloves were designed to take on the tough jobs, providing you with the latest hand protection technology. Made from soft and supple synthetic or grain leathers, these gloves offer comfort, durability, and safety that can be used in a variety of multi-purpose tasks.

# **Icon Legend**



Synthetic



Goatskin



**Pigskin** 



Deerskin



Extra Grip Padded palm to enhance grip



Durability Synthetic leather fingertips, thumb, and palm increases durability



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



Durability Genuine leather palm and thumb crotch increases durability



Abrasion Enhanced abrasion G-patch palm



Durability Genuine leather fingertips, thumb. and palm increases durability



Secure Fit Anatomically designed two-piece palm eliminates material bunching for a snug fit



**Durability** Thumb crotch increases durability



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



Durability Synthetic leather fingertips, thumb, and palm increases durability



#### 0915

- Premium black synthetic leather G-patch palm
- · Red spandex fabric
- Knuckle strap
- · Hook and loop closure
- Sizes: XS-XL



**Abrasion** Enhanced abrasion G-patch palm

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



# CrimsonWarrior ™







#### 0915Q/H0

- · Premium black synthetic leather G-patch palm
- · Hi-viz orange spandex fabric
- . Hook and loop closure
- Sizes: S-2XL



Abrasion Enhanced abrasion G-patch palm

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

# OnyxWarrior™



SYNTHETIC



#### 0915BK

- · Premium black synthetic leather G-patch palm
- · Black spandex fabric
- Knuckle strap
- · Hook and loop closure
- Sizes: XS-2XL



**Abrasion** Enhanced abrasion G-patch palm

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

# OnyxWarrior ™





#### 0915Q/BK

- Premium black synthetic leather palm patch
- Black spandex fabric
- Hook and loop closure
- Sizes: M-2XL



Abrasion Enhanced abrasion G-patch palm

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





SYNTHETIC



#### 0961

- Premium gray synthetic leather palm patch
- · Hi-viz orange spandex fabric
- Silicone printed palm
- · Shirred elastic slip on cuff
- Sizes: S-XL



### Extra Grip

Silicone honeycomb dots on the palm and fingers to enhance grip

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

# **NeoKnight**™



SYNTHETIC



#### **0915HY/RT**

- Premium black synthetic leather G-patch palm
- · Hi-viz yellow spandex fabric
- Knuckle strap
- Reflective tape at backside and fingertips
- · Hook and loop closure
- Sizes: S-2XL



#### **Abrasion**

Enhanced abrasion G-patch palm

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

# BlueKnight™



SYNTHETIC



#### 0916

- Premium black synthetic leather palm
- · Blue spandex fabric
- Knuckle strap
- · Hook and loop closure
- Sizes: XS-2XL



#### **Dexterity**

High-density palm form-fits the hand for precision work

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

# CrimsonWarrior™



SYNTHETIC



#### 0906H0

- Premium black synthetic leather palm
- Hi-viz orange spandex fabric
- Knuckle strap
- · Shirred elastic slip on cuff
- Sizes: S-XL



# Dexterity

High-density palm form-fits the hand for precision work

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

# 1stKnight™



SYNTHETIC



#### 0906BK

- Premium black synthetic leather palm
- Black spandex fabric
- Knuckle strap
- · Shirred elastic slip on cuff
- Sizes: S-XL



# Dexterity

High-density palm form-fits the hand for precision work

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

# 1stKnight™



SYNTHETIC



#### 0916BK

- Premium black synthetic leather palm
- · Black spandex fabric
- Knuckle strap
- . Hook and loop closure
- Sizes: S-XL



# Dexterity

High-density palm form-fits the hand for precision work

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



- Premium grain pigskin
- Black spandex fabric
- · Synthetic, non-slip palm, and fingertip reinforcement
- · Hook and loop closure
- Sizes: S-2XL

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



# **Durability** Synthetic leather fingertips,

thumb, and palm increases durability



# GoldenKnight™







#### 0913

- Premium grain pigskin
- · Black spandex fabric
- Synthetic, non-slip, anti-vibration palm with fingertip reinforcement
- · Hook and loop closure
- Sizes: S-2XL



# **Durability**

Synthetic leather fingertips, thumb, and palm increases durability

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

# GoldenKnight™





# 0914

- Premium grain pigskin
- · Blue spandex fabric
- · Hook and loop closure
- Sizes: S-2XL



## **Secure Fit**

Anatomically designed two-piece palm eliminates material bunching for a snug fit

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

# Weight Lifting





#### 6887BK/FL

- · Black goatskin
- Fingerless
- Padded palm
- Hook and loop closure
- Size: L



Extra Grip Padded palm to enhance grip





#### 0817

- Premium grain goatskin
- Black spandex fabric
- · Double reinforced fingertips and palm
- · Hook and loop closure
- Sizes: S-2XL

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



# Durability

Genuine leather fingertips, thumb, and palm increases durability

Cougar ™





#### 0815BK

- Premium black grain goatskin
- · Black spandex fabric
- · Leather palm patch
- · Hook and loop closure
- Sizes: S-2XL



#### Secure Fit

Anatomically designed twopiece palm eliminates material bunching for a snug fit

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

Reinforcer™





#### 0816

- Premium grain goatskin
- · Blue spandex fabric
- Hook and loop closure
- Sizes: XS-XL

**○856** Black spandex fabric, 3M<sup>TM</sup> Thinsulate<sup>TM</sup> lined, Sizes: S-2XL



# Durability

Thumb crotch increases durability

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

Defender™





#### 0818

- Premium grain goatskin
- Split leather palm and thumb patches
- · Black spandex fabric
- · Hook and loop closure
- Sizes: S-2XL



#### **Durability**

Genuine leather palm and thumb crotch increases durability

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



#### 0918

- Premium golden grain deerskin
- Black spandex fabric
- · Hook and loop closure
- Sizes: XS-XL



#### **Secure Fit**

Anatomically designed two-piece palm eliminates material bunching for a snug fit

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



#### 0918BK

- Premium black grain deerskin
- Black spandex fabric
- · Hook and loop closure
- Sizes: XS-XL



#### Secure Fit

Anatomically designed two-piece palm eliminates material bunching for a snug fit

































# **Impact Gloves**

Daybreaker® gloves were specially engineered to reduce the possibility of impact. TPR (thermoplastic rubber) tread designs are reinforced across back of hand to protect against unexpected impact or abrasion. The anatomically shaped abrasion resistant palm paddings reduce hand fatigue. These performance driven heavy duty work gloves deliver 360° hand protection. Equip yourself with these multi-purpose, comfort-flex gloves that take on the most demanding environments.

# **Glove Features**



1. Proprietary high density polyurethane palm coating (HDPU) provides optimal abrasion, breathability and comfort.



2. Abrasion resistant synthetic based rubber (SBR) pads enhance grip comfort and increase palm protection.



3. Thermoplastic rubber (TPR) die cuts on fingers and fingertips provide ergonomic impact protection.



4. Hi-visibility premium cotton cord absorbs liquid in slick or oily conditions.



5. Reflective material on neoprene for a higher level of visibility.



6. Thumb crotch prevents blow outs and provides additional protection.

# Impact Gloves | Daybreaker®

# Striker V™ 0920

- Hi-viz yellow nylon spandex shell
- Synthetic leather non-slip padded palm and fingertips
- 3-D TPR guardrails to protect knuckles
- TPR along fingers and back of hand and thumb crotch reinforcement
- Sizes: S-2XL

# **0950** Striker X™

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

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









**Triton** ™





- Hi-viz green nylon spandex shell
- Synthetic leather non-slip padded palm and fingertips
- Water repellent shell
- · Abrasion-resistant SBR pads
- TPR along fingers and back of hand and thumb crotch reinforcement
- Sizes: S-2XL

# • Synthetic leather palm

• ANSI cut level: A4

0923

• Additional palm layer of cut resistance

· Hi-viz orange nylon spandex shell

- 3-D TPR guardrails to protect knuckles
- TPR along fingers and back of hand and thumb crotch reinforcement





















# Impact Gloves | Daybreaker®



# Xscepter™



## 0928

- · Hi-viz yellow nylon spandex shell
- Premium hi-viz yellow cotton cord palm patch
- TPR along fingers and back of hand and thumb crotch reinforcement
- Armortex thumb crotch reinforcement
- · Double stitched neoprene cuff
- Sizes: M-2XL

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



# Charger™ | Charger | Cha

- ANSI cut level: A4
- Seamless salt and pepper cut resistant knit shell
- Premium HDPU palm coating
- 3-D TPR guardrails to protect knuckles
- TPR along fingers and back of hand and thumb crotch reinforcement
- Sizes: M-2XL









# Impact Gloves | Daybreaker®



## 0935

- ANSI cut level: A4
- Premium grain goatskin
- Shirred elastic back
- Keystone thumb
- TPR along fingers and back of hand
- Sizes: S-2XL

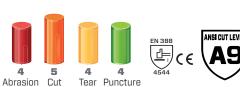
**MARNING:** Cancer & Reproductive Harm - www.P65Warnings.ca.gov

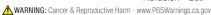






- ANSI cut level: A9
- Hi-viz green seamless cut resistant knit shell
- Hi-viz red sandy nitrile palm coating
- TPR along fingers and back of hand and thumb crotch reinforcement
- · Hook and loop closure
- Sizes: M-2XL

















# **Leather Drivers**

Grain Cowhide

**Pigskin** 

Deerskin

Goatskin

Split Cowhide

#### **Leather Palm**

Standard Full Feature

Specialty

Double Palm

**Knit Wrist** 

Kevlar® Thread Sewn

Canvas Back

**Grain Cowhide** 

**Pigskin** 

Insulated

# **Leather Gloves**

Leather hand protection is available in grain and split cowhide, pig, goat or deerskin leathers. While cowhide is the most popular in the industry, pigskin has higher abrasion resistance, great air circulation qualities and retains its flexibility when wet. Goatskin has an excellent abrasion resistance and high tensile strength; its high lanolin content makes this leather exceptionally soft. Deerskin has the highest density strength of all leathers that offers dexterity as well as softness.

Our selection of leather hand protection offers a variety of styles:

**Driver gloves** include slip-on configuration for ease of donning and 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 reinforced palm area to provide added protection and wear. Kevlar® sewn thread is used on certain styles for additional strength and abrasion resistance on the seams. For additional air circulation, our cotton canvas on the back of leather palm gloves is another popular style.

**Lined gloves** with jersey, piled or 3M<sup>™</sup> Thinsulate<sup>™</sup> can be used if the job requires insulation for additional protection from cold weather.

When the tasks require leather hand protection, we have many styles to choose from that would satisfy both your needs as well as your budget.



Customized printing is available. Contact your customer service representative for more details.



# 6114

- · Premium grain leather
- Keystone thumb
- · Color coded fabric hemmed cuff
- Sizes: S-XL

**6124** Quality grain, Sizes: S-XL

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

**WARNING:** Cancer - www.P65Warnings.ca.gov



# Grain Cowhide Driver with Wing Thumb







# 6002

- Premium grain leather
- · Shirred elastic back
- · Color coded fabric hemmed cuff
- Sizes: S-XL

**6022** Quality grain, Sizes: S-2XL

# Grain Cowhide Driver with Rolled Cuff



#### 6118

- · Premium grain leather
  - Shirred elastic back
  - · Cotton thread sewn
  - Keystone thumb
  - Sizes: XS-2XL

**6108** Premium grain, Kevlar® thread sewn, Sizes: XS-2XL

**6128** Quality grain, Cotton thread sewn, Sizes: S-2XL

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# Grain Cowhide Driver with Keystone Thumb



#### 6117

- Premium grain leather
- Shirred elastic back
- · Color coded fabric hemmed cuff
- Sizes: XS-XL

**6127** Quality grain, Sizes: XXS-3XL

6137 Standard grain, Sizes: XS-5XL

**6147** Economy grain, Sizes: S-3XL

# Grain Cowhide Driver with Straight Thumb





# Standard Grain Cowhide Driver with Fluorescent Orange **Fingertips**



# Grain Cowhide Driver with Fluorescent Orange Fingertips





#### 6110

- Premium grain leather
- Shirred elastic back
- · Color coded fabric hemmed cuff
- Sizes: S-XL

6120 Quality grain, Sizes: S-XL

6130 Standard grain, Sizes: S-XL

6140 Economy grain, Sizes: S-XL

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### **H6137F**

- Standard grain leather
- Shirred elastic back
- · Color coded fabric hemmed cuff
- Keystone thumb
- Sizes: S-2XL

#### 16137F

- Standard grain leather
- Shirred elastic back
   Keystone thumb
- · Color coded fabric hemmed cuff
- "WATCH YOUR HANDS" logo
- Sizes: S-3XL

16147F Economy grain, Sizes: S-2XL

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

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WARNING: Cancer - www.P65Warnings.ca.gov

# Golden Grain Cowhide Double Palm Driver





# Golden Grain Cowhide Driver with Leather Pull Strap



# **Grain Cowhide Driver** with Bourbon Brown 🕨 Split Leather Back





#### 6504

- Premium grain leather
- · Reinforced palm
- Keystone thumb
- · Leather pull strap
- · Rolled cuff
- Kevlar® thread sewn
   Sizes: XS-2XL
- MARNING: Cancer www.P65Warnings.ca.gov

# 6004

- · Premium grain leather
- · Rolled cuff
- Keystone thumb
- Sizes: XS-XL

MARNING: Cancer - www.P65Warnings.ca.gov

# SIZING COLOR CHART

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

# Small

XX-Small X-Small Medium Large BLUE X-Large XX-Large XXX-Large

# 6427R

- Quality grain leather
   Keystone thumb
- · Color coded fabric hemmed cuff
- Shirred elastic back Sizes: S-XL

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

**16427K** Gray colored back, Kevlar® thread sewn, Sizes: S-XL

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



#### 7007

- · Quality grain leather
- · Rolled cuff
- Shirred elastic back
- Sizes: XS-2XL

**7008** Premium grain, Kevlar® thread sewn, Sizes: S-XL

**7017** Standard grain, color coded fabric hemmed cuff, Sizes: XS-2XL

WARNING: Cancer - www.P65Warnings.ca.gov



# **Grain Pigskin Driver** with Flourescent **Orange Fingertips**





#### 7017FQ

- · Standard grain leather
- · Shirred elastic back
- "WATCH YOUR HANDS" logo
- · Color coded fabric hemmed cuff
- Keystone thumb
- Sizes: S-2XL

# **Grain Pigskin Leather** Palm with Reflective Knuckle Strap Tape



# 0225

- · Premium grain leather
- · Shirred elastic back
- Gunn pattern
- Orange fluorescent polyester back
- 2 1/2" Rubberized safety cuff
- · Sizes: S-XL

MARNING: Cancer - www.P65Warnings.ca.gov

Grain Pigskin Leather Palm with Reflective Knuckle Strap Tape



# 7000

- Premium grain leather
- Shirred elastic back
- · Orange fluorescent polyester back
- · Color coded fabric hemmed cuff
- Keystone thumb
- Sizes: S-XL

O223 Knit wrist, Sizes: S-XL





#### 6908

- · Shirred elastic back
- Heavy duty superior grain leather
- · Rolled cuff
- Sizes: XS-2XL

6918 Premium grain, Sizes: XXS-2XL

**6958** Premium grain, 3M<sup>™</sup> Thinsulate<sup>™</sup> lined, Sizes : XS-2XL

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

MARNING: Cancer - www.P65Warnings.ca.gov

Black Deerskin **Driver with Keystone Thumb** 













#### 6918BK

- Premium grain leather
- · Shirred elastic back
- · Rolled cuff
- Sizes: XXS-2XL

6958BK Premium grain, black deerskin, 3M™ Thinsulate™ lined, Sizes: XS-3XL

MARNING: Cancer - www.P65Warnings.ca.gov

# **Keystone Thumb**



#### 6817

- Premium grain leather
- Shirred elastic back
- · Color coded fabric hemmed cuff
- Sizes: XXS-2XL

6827 Quality grain, Sizes: XS-2XL

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

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#### 6857

- · Quality grain leather
- · Shirred elastic back
- Keystone thumb
- · Color coded fabric hemmed cuff
- Sizes: S-XL

# **Bourbon Brown Select** Shoulder Split Cowhide Driver





#### 8440

- Shirred elastic back
- · Straight thumb
- · Color coded fabric hemmed cuff
- Sizes: S-XL

8447 Keystone thumb, Sizes : S-XL

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

MARNING: Cancer - www.P65Warnings.ca.gov



# Golden Grain Goatskin Cut Resistance **Lined Driver**













#### 6892

- Premium grain leather
- ANSI cut level: A6
- Twaron®/Steel core lining
- Shirred elastic back
- · Color coded fabric hemmed cuff
- Wing thumb
- Sizes: S-2XL

# **Premium Side Split** Cowhide Driver with **Rolled Cuff**



#### 8438

- · Shirred elastic back
- Keystone thumb
- Sizes: S-XL

# Pearl Gray Select Shoulder Split Cowhide Driver



#### 8247

- Shirred elastic back
- · Color coded fabric hemmed cuff
- Keystone thumb
- Sizes: S-XL

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#### 3230

- Premium side split leather
- Gunn pattern

Full Feature

Leather Palm

- 2 1/2" Rubberized safety cuff
- Knuckle strap
- Sizes: S-XL

**3240** Side split, Size: Mens

**★WARNING:** Cancer - www.P65Warnings.ca.gov

# Full Feature with Green Fabric Back





#### 3260Q/G

- Regular shoulder leather
- · Gunn pattern
- · Knuckle strap
- 2 1/2" Rubberized safety cuff
- Size: Mens

3260SP/G Standard shoulder 3260SQ/G Value shoulder

# 3250A

- Premium select shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Rubberized safety cuff
- Size: S-XL

**3260Q** Regular shoulder, Sizes: S-2XL

**3260SQ** Value shoulder, Sizes: S-XL

WARNING: Cancer - www.P65Warnings.ca.gov

# Full Feature with Gauntlet Cuff





#### 3254A

- · Premium select shoulder leather
- Gunn pattern
- Knuckle strap
- 4 1/2" Rubberized gauntlet cuff
- Size: Mens

**3264Q** Regular shoulder, Sizes: S-2XL

3264SQ Value shoulder

**3274** Regular shoulder, plasticized cuff

# Full Feature with Starched Cuff



# Full Feature with Reinforced Palm Patch



# Full Feature with Denim Fabric Back & Cuff









#### 3270Q

- Regular shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Starched safety cuff
- Sizes: S & L

**3270SP** Value shoulder, Blue and red fabric back, Size: Mens

**WARNING:** Cancer - www.P65Warnings.ca.gov

#### 3280

- · Standard shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Starched safety cuff
- Size: Mens

3280Q Value shoulder

**3280R** Regular shoulder, plasticized cuff

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#### 3276

- Regular shoulder leather
- Gunn pattern
- · Knuckle strap
- 2 1/2" Denim starched safety cuff and back
- Size: Mens

**3286** Standard shoulder, reinforced palm patch

**3286Q** Value shoulder, reinforced palm patch

**WARNING:** Cancer - www.P65Warnings.ca.gov

**¾ Leather Back** 





# Full Leather Back





# Assorted Color Canvas Back with Safety Cuff





#### 3330

- Premium side split leather
- Gunn pattern
- 2 1/2" Rubberized safety cuff
- Size: Mens

**3334** 4 ½" gauntlet cuff

**3350** Premium select shoulder, 2 ½" safety cuff

**3354** Premium select shoulder, 4 ½" gauntlet cuff

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- 3450
- Premium select shoulder leather
- Gunn pattern
- 2 1/2" Rubberized safety cuff
- Size: Mens

**3454** 4 ½" gauntlet cuff

**3460Q** Regular shoulder, 2 ½" safety cuff

**3464Q** Regular shoulder, 4 ½" gauntlet cuff

MARNING: Cancer - www.P65Warnings.ca.gov

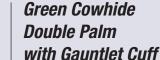
#### 3259

- Premium select shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Rubberized safety cuff
- Sizes: XS-XL



# **Gray Cowhide** Double Palm with Safety Cuff

















#### 3550

- Premium select shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Rubberized safety cuff
- · Size: Mens

3550Q Select shoulder

3580Q Select shoulder, jointed leather double palm

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#### 3554

- · Premium select shoulder leather
- Gunn pattern
- Knuckle strap
- 4 ½" Rubberized gauntlet cuff
- Size: Mens

**3584Q** Select shoulder, jointed leather double palm

MARNING: Cancer - www.P65Warnings.ca.gov

#### 3581

- Premium select shoulder leather
- Gunn pattern Knuckle strap
- 2 ½" Rubberized safety cuff
- · Size: Mens

3581Q Select shoulder, Sizes: S-XL

3581SP Standard shoulder,

Sizes: S-2XL

3581Q/PE Select shoulder, plasticized cuff, Sizes: S-2XL

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# Green Cowhide Double Palm with Safety Cuff





# Split Pigskin



# Grain Pigskin





#### 3551

- Premium select shoulder leather
- Gunn pattern Knuckle strap
- 2 1/2" Rubberized safety cuff
- Sizes: S & L

3551Q Select shoulder, Size: Mens

3551SP Regular shoulder,

Size: Mens

# 0265Y

- Gold pattern back
- Gunn pattern · Knuckle strap
- 2 1/2" Heavy canvas safety cuff
- Sizes: S & L

#### 0265

- · Reverse grain pigskin leather
- Gunn pattern Knuckle strap
- 2 1/2" Rubberized safety cuff
- Size: Mens

**0235** Quality grain pigskin, yellow pattern back, Sizes: S & L

MARNING: Cancer - www.P65Warnings.ca.gov



MARNING: Cancer - www.P65Warnings.ca.gov

# **DOUBLE PALM, DOUBLE PROTECTION**

The outer layer of leather on the palm, index finger, and thumb area provides extra protection for applications involving heavy abrasion such as the rubbish and lumber handling.

# Grain Pigskin Leather Palm with Reflective Knuckle Strap Tape







- Premium grain leather
- Shirred elastic back
- Gunn pattern
- Orange fluorescent polyester back
- 2 1/2" Rubberized safety cuff
- · Sizes: S-XL

0223 Knit wrist, Sizes: S-XL

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# Grain Cowhide





## 3110

- · Premium grain leather
- Gunn pattern Knuckle strap
- 2 1/2" Rubberized safety cuff
- Sizes: S-XL

3114 4 1/2" gauntlet cuff, Sizes: M-XL

**3120** Quality grain, 2 ½" safety cuff, Sizes: S-2XL

**3124** Quality grain, 4 ½" gauntlet cuff, Sizes: S-XL

MARNING: Cancer - www.P65Warnings.ca.gov

# Grain Cowhide with Reinforced Palm Patch





#### 3180

- Standard grain leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Plasticized safety cuff
- Size: Mens

**3180Y** Yellow grain leather, Size: Mens

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# **Gunn Pattern** with Knit Wrist





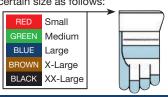
#### 3866

- Select shoulder leather · Size: Mens
- **3866Q** Regular shoulder
- 3866Q/SP Standard shoulder

WARNING: Cancer - www.P65Warnings.ca.gov

# SIZING COLOR CHART

The glove cuff color corresponds to a certain size as follows:



# Clute Pattern with Knit Wrist



#### 3863

- · Regular shoulder leather
- Sizes: S & L

**3873** Standard shoulder, white knit wrist, Sizes: S & L

**3851** Select shoulder, yellow canvas back, blue knit wrist, Size: Mens

MARNING: Cancer - www.P65Warnings.ca.gov

# Premium Side Split Cowhide Leather Palm with Reflective



#### 3231

- Orange fluorescent polyester back
- Reflective material on knuckle
- Gunn pattern
- 2 1/2" Rubberized safety cuff
- · Size: Mens

# Cowhide with White Canvas Back



# Cowhide with Yellow Canvas Back



# Cowhide with Hi-Viz Orange Canvas Back







#### 3267

- Select shoulder leather
- Knuckle strap
- Gunn pattern
- 2 1/2" Plasticized safety cuff
- Sizes: L & XL

**3257** Premium select shoulder, Size: Mens

3268 4 ½" canvas gauntlet cuff,

Size: Mens

**3277** Regular shoulder, 2 ½" canvas safety cuff, Size: Mens

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#### 3265

- Select shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Rubberized safety cuff
- Sizes: S-XL

**3269** Select shoulder, 4 ½" gauntlet cuff, Size: Mens

**★ WARNING:** Cancer - www.P65Warnings.ca.gov

#### 3265HO

- Select shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Rubberized safety cuff
- · Size: Mens

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# **Bourbon Brown** Cowhide with Yellow Canvas Back





# White Canvas Back with Reinforced Palm Patch





# 2 1/2" Full Leather **Cuff with White** Canvas Back





#### 3255

- Premium select shoulder leather
- Gunn pattern
- Kunckle strap
- 2 1/2" Rubberized safety cuff
- Size: Mens

# 3287A

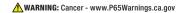
- · Regular shoulder leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Canvas safety cuff
- Size: Mens

#### 3261

- Select shoulder leather
- · Gunn pattern
- Knuckle strap
- Size: Mens

3261SQ Value shoulder,

Size: Mens



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# Kevlar® Thread Sewn Cowhide Full Feature Leather Palm





# Kevlar® Thread Sewn Cowhide Full Feature Leather Palm









#### 3210

- Premium side split leather
- Gunn pattern
- Kunckle strap
- White heavy canvas back
- 2 3/4" Rubberized safety cuff
- Sizes: S-XL

3210K Kevlar® lined, Sizes: M-XL

3220 Side split, Sizes: S-XL

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#### 3214

- Premium side split leather
- Gunn pattern
- Kunckle strap
- · White heavy canvas back
- 4 1/2" Rubberized gauntlet cuff
- Size: Mens

#### 3510

- Premium side split leather
- Gunn pattern
- Knuckle strap
- White heavy canvas back
- 2 3/4" Rubberized safety cuff
- Sizes: S-XL

MARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

# Kevlar® Thread Sewn ¾ Cowhide Leather Back





#### 3511

- Premium side split leather
- Gunn pattern
- · White heavy canvas back
- 2 3/4" Rubberized safety cuff
- Fully guilted double palm and fingers
- Reinforced thumb
- Sizes: M-XL

# Kevlar® Thread Sewn Cowhide Full Leather Back



#### 3410

- · Premium side split leather
- Gunn pattern
- 2 3/4" Rubberized safety cuff
- Size: Mens

**3310** ¾ Cowhide leather back, Size: Mens

MARNING: Cancer - www.P65Warnings.ca.gov

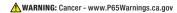
Kevlar® Thread Sewn Cowhide Full Feature Double Palm & Fingers



#### 3515

- Premium side split leather
- Gunn pattern
- Knuckle strap
- 2 3/4" Rubberized safety cuff
- White heavy canvas back
- · Size: Mens

**3514** Premium side split, 4 1/2" gauntlet cuff



# Insulated Grain Cowhide Driver



# Insulated Tan Split Shoulder Cowhide Driver



# Insulated Goatskin Driver







#### 6518

- Premium grain leather
- 3M<sup>™</sup> Thinsulate<sup>™</sup> lined
- Shirred elastic back
- · Rolled cuff
- Keystone thumb
- Sizes: S-2XL

**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

MARNING: Cancer - www.P65Warnings.ca.gov

#### 8544

- Select shoulder split leather
- 3M<sup>™</sup> Thinsulate<sup>™</sup> lined
- Shirred elastic back
- · Rolled cuff
- Keystone thumb
- Sizes: S-2XL

#### 6837

- Premium grain leather
- · White fleece Lined
- Shirred elastic back
- · Color coded fabric hemmed cuff
- Keystone thumb
- Sizes: XS-2XL

6837BK • Black rolled cuff

- 6857
- · Rolled cuff

MARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

# Pile Lined **Bourbon Brown** Cowhide Driver





# Red Fleece Lined **Bourbon Brown** Cowhide Driver





# Pile Lined **Bourbon Brown** Cowhide Mitten





#### 8354

- Select shoulder split leather
- Shirred elastic back
- · Rolled cuff
- Keystone thumb
- Sizes: S-2XL

WARNING: Cancer - www.P65Warnings.ca.gov

#### 8454

- Select shoulder split leather
- Shirred elastic back
- Rolled cuff
- Straight thumb
- Sizes: S-2XL

WARNING: Cancer - www.P65Warnings.ca.gov

#### 8355

- · Select shoulder split leather
- Shirred elastic back
- · Color coded fabric hemmed cuff
- Wing thumb
- Sizes: L-2XL

WARNING: Cancer - www.P65Warnings.ca.gov

#### LEATHER COMPARISON

Cow: By far, the most commonly used leather in the safety industry due to good abrasion resistance and attractive appearance. Offers the best abrasion resistance and breathability. The naturally high lanolin content in pigskin allows it to return to softness, even after repeated contact with water.

Goat: Excellent abrasion resistance with strong tensile strength. High lanolin content makes the leather soft.

Deer: Highest tensile strength of all leathers. Excellent dexterity and softness.

# **Insulated Gloves**

# Red Jersey Foam Lined Cowhide Full Feature Leather Palm





#### 3650

- Premium select shoulder split leather
- Gunn pattern
- Knuckle strap
- 2 1/2" Rubberized safety cuff
- · Size: Mens

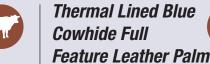
Pile Lined Bourbon **Brown Cowhide Full** Feature Leather Palm





#### 3655

- Premium select shoulder split leather
- Gunn pattern
- Knuckle strap
- Yellow heavy canvas back
- 2 1/2" Rubberized safety cuff
- Sizes: L & XL







#### 3656

- Premium select shoulder split leather
- Waterproof lining
- Yellow heavy canvas back
- 2 1/2" Rubberized cuff
- Gunn pattern Kunckle strap
- Wing thumb • Sizes: L-2XL

**3653** Safety cuff and knit wrist, Sizes: M-2XL

WARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

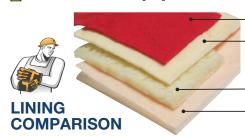
# Heatlok Lined Black Deerskin Driver with Reinforced Palm Patch



#### 6984

- Premium split leather
   Rolled cuff
- · Polar fleece back · Straight thumb
- Shirred elastic back Sizes: XXS-2XL

WARNING: Cancer - www.P65Warnings.ca.gov



# 3M ™ Thinsulate ™ Lined Golden Deerskin Driver



#### 6958

- · Premium grain leather
- · Shirred elastic back · Rolled cuff
- Keystone thumb
- Sizes: XS-2XL

MARNING: Cancer - www.P65Warnings.ca.gov

3M™ Thinsulate™ **Lined Black** Deerskin Driver





#### 6958BK

- Premium grain leather
- · Rolled cuff
- Shirred elastic back
- Keystone thumb
- Sizes: XS-XL

WARNING: Cancer - www.P65Warnings.ca.gov

Fleece: The most commonly used glove liner, made of napped brushed cotton.

**3M<sup>™</sup> Thinsulate<sup>™</sup>:** The warmest thin insulation on the market, Thinsulate<sup>™</sup> has about 1.5 times more warmth than down feather lining, and absorbs less than 1% of its own weight in water which allows it to retains its insulating ability even in damp conditions.

Pile: This synthetic wool is popular because of its relatively low cost and realistic similarity to wool.

Foam: With the comfort of a fleece layer and an additional 2 layers of polyester and polyurethane foam, this lining offers the most value for warmth insulation.

# 3M™ Thinsulate™ Lined Pigskin Driver







# 3M™ Thinsulate™ **Lined Pigskin**



# Thermal Lined Pigskin





#### 7507

- Premium grain leather
- Shirred for elastic back
- · Rolled cuff
- Keystone thumb
- Sizes: S-2XL

**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 MARNING: Cancer - www.P65Warnings.ca.gov

#### 0233

- · Premium grain leather
- Gunn pattern
- Knuckle strap
- · Blue knit wrist
- Sizes: L & XL

**0236** 3" Plasticized thermal lined cuff. Sizes: L & XL

#### 0239

- · Premium grain leather
- Gunn pattern
- Knuckle strap
- •3" thermal lined cuff
- Sizes: M-XL

WARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

# **Thermal** Lined Pigskin





# Thermal Lined Pigskin





# Thermal Lined Pigskin





#### 0233H0

- Premium grain leather
- · Gunn pattern
- · Reflective tape knuckle strap
- Knit wrist
- Hi-viz orange water resistant nvlon fabric back
- Sizes: S-2XL

O233HO/WP Waterproof thermal lined, Sizes: S-2XL

WARNING: Cancer - www.P65Warnings.ca.gov

# 0233HG

- Premium grain leather
- Gunn pattern
- Reflective tape knuckle strap
- Knit wrist
- Hi-viz green water resistant nvlon fabric back
- Sizes: S-2XL

O233HG/WP Waterproof thermal lined, Sizes: S-2XL

WARNING: Cancer - www.P65Warnings.ca.gov

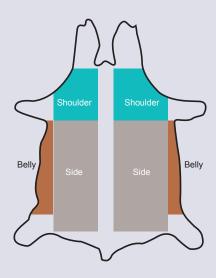
#### 0238HG

- · Premium grain leather
- Gunn pattern
- · Reflective tape knuckle strap
- 3" thermal lined cuff
- · Hi-viz green water resistant nvlon fabric back
- Sizes: S-2XL

**0238HO** Hi-viz orange,

Sizes: S-2XL

# **CUTS OF SPLIT LEATHER**



# **Side Split:**

The portion of the hide that covers the rib area of the animal. This premium leather is more uniform and offers the greatest protection because there are fewer scars with weaker fibers.

# **Shoulder Split:**

The portion of the hide on the neck and shoulder of the animal. More economical than side split, this leather has more visible texture differences and less fiber density. We offer the widest range of shoulder quality split leather in the industry. Different grades of shoulder leather have been carefully selected to construct a glove that fits your budget.

# **Belly Split:**

From the belly portion of the animal, this leather is generally used for economy grade gloves.



# **GENERAL CUFF CONSTRUCTION & MATERIAL**

#### Leather:

Provides durability & longer wear.

#### **Rubberized:**

Rubber material laminated in between two fabric layers.

#### **Plasticized:**

Waterproof polyethylene adhesive laminated between pieces of fabric.

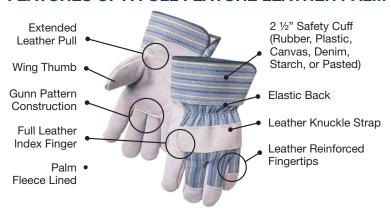
#### Denim:

Economical single-ply fabric material.

#### Starched:

Two layers of fabric laminated together, then starched.

#### FEATURES OF A FULL FEATURE LEATHER PALM



#### LEATHER PALM CUFF CONSTRUCTION



2 ½" Safety Cuff: The most common cuff design, protects the wrist area. Slides on and off easily.



4 ½"Gauntlet Cuff: This longer cuff offers the same protection as a Safety Cuff, with increased protection to the forearm.



**Knit Wrist:** This design holds the glove in place while preventing debris from entering.











# **Textile Work Gloves**

Canvas

Double Palm

Hot Mill

Chore

Jersey

Inspector - Parade

Terry Cloth

Gardening

# **String Knit Work Gloves**

Plain Seamless Knit

Plain Seamless Knit with Dots

# Textile/String Knit Work Gloves

Textile/string knit work gloves are commonly used in different industries, ranging from light to heavy duty applications. These gloves are made from different materials including natural cotton fibers, synthetics such as cotton/poly TC blend, nylon or polyester. Assembled through cut and sewn or seamless knits, these gloves retain functionality while offering custom fitting for any general purpose applications.

Choose from a variety of different materials, product constructions, and coatings to fit your application:

**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. Loopout terry gloves have more intermittent heat dissipation while loopin 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.

# **Textile Gloves**

# Light Weight Lisle



#### 4401

- 100% Cotton
- Two-piece reversible
- Unhemmed
- · Sizes: S, L & XL

**4401P** Cotton/polyester blend, Sizes: Mens & Ladies

4414 14" length, Size: Mens

# Medium and Heavy Weight Lisle



#### 4421

- · Heavy weight
- Two-piece reversible
- Self-hemmed
- · Sizes: Mens & Ladies

**4411** Medium weight, Sizes: Mens & Ladies

# Formal White Dress Gloves



#### 4621

- 100% Cotton
- Full fashion style
- Trim pipes on back
- · Individual polybag per pair
- Sizes: S-XL

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

**4625** 100% Cotton with mini PVC dots on palm & thumb, Sizes: S-XL

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

# Full Fashion Stretch Nylon



#### 4611

- In-set thumb
- Color coded hem
- · Stretch nylon fabric
- Sizes: Mens & Ladies

# **Tricot Nylon**



#### 4601

- · Regular weight
- Two-piece reversible
- Color coded hem
- Sizes: Mens M-XL

**4601Q** Standard weight, Sizes: Mens M-2XL

4602 Sizes: Ladies S-L

# Reversible Stretch Nylon



#### 4613

- · Regular weight
- Two-piece reversible
- · Color coded hem
- Sizes: Mens & Ladies

**4613Q** Standard weight,

Sizes: Mens & Ladies

# **Brown Jersey**



#### 4503

- 9 oz.
- · Clute pattern
- Knit wrist
- Sizes: Mens & Ladies

**4513** 13 oz., Size: Mens

4503A 10 oz., Size: Mens

4503Q Regular weight,

Sizes: Mens & Ladies

# Brown Jersey with PVC Dots



#### 4504

- Clute pattern
- Knit wrist
- Mini PVC dots on palm, index finger & thumb
- Sizes: Mens & Ladies

**4504Q** Regular weight, Sizes: Mens & Ladies

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

# **Lined Brown Jersey**



#### 4308

- Full fashion style
- Red fleece lined
- Slip-on style
- In-set thumb
- Size: Mens

**4308Q** Gunn pattern, straight thumb

# Reversible Natural Jersey



#### 4509Q

- Regular weight Knit wrist
- Two-piece reversible
- Sizes: Mens & Ladies

**4509SP** Standard weight, Sizes: Mens, XL, Ladies

**4508** Regular weight, brown jersey, reversible, Sizes: Mens & Ladies

# Heavy Weight Jersey



#### 4526

- Blaze orange
- Clute pattern
- Knit wrist
- Size: Mens

# Heavy Weight Hunting Jersey



#### 4506

- · Green camouflage
- Clute patternKnit wrist
- Size: Mens

4516 Orange camouflage

4536 Brown camouflage

# **Textile Gloves**

#### **Cotton Canvas**



#### 4501

- 8 oz.
- Clute pattern
- Straight thumb
   Knit wrist
- Sizes: S, L & XL

4501Q Regular weight, Sizes: Mens & Ladies

4501R 8 oz., reversible,

Sizes: Mens

4501BL 8 oz., blue knit wrist,

Sizes: Mens & Ladies

#### **Cotton Canvas**



#### 4512

- 12 oz.
- Clute pattern
- Straight thumb
- Knit wrist
- Size: Mens

4512Q Regular weight

4510 10 oz.

4510CR 10 oz. corduroy

# Cotton Canvas with **Band Top**



#### 4501B

- 8 oz.
- Clute pattern
- · Straight thumb
- Size: Mens

**4501W** 8 oz., Wing thumb, knit wrist, Size: Mens

## Cotton Canvas with Black PVC Dots



#### 4505

- 8 oz.
- · Clute pattern
- Straight thumb
   Knit wrist
- Sizes: Mens & Ladies

4505W 8 oz., Wing thumb, Size: Mens

4505Q Regular weight, Size: Mens

4505A 10 oz., Size: Mens

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

## **Colored Cotton Canvas** with Black PVC Dots



#### 4505A/0

- 10 oz.
- · Clute pattern
- Straight thumb
   Matching knit wrist
- Size: Mens

4505A/G Fluorescent green

4505A/Y Fluorescent yellow

4505A/B Fluorescent blue

# Cotton Canvas with Fluorescent Orange PVC Dots



#### 9505A

- 10 oz.
- · Clute pattern
- Straight thumb
   Matching knit wrist
- Size: Mens

**9505** 8 oz., Size: Mens

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

# Fluorescent Orange Double Palm Canvas with Black PVC Dots



#### 4518D/0

- Straight thumb
- Clute pattern
- Nap-in double palm
- Knit wrist
- · Size: Mens

**4518D/B** Fluorescent blue **4518D/Y** Fluorescent yellow

4518D/G Fluorescent green

# 20 oz. Cotton/Polyester Corduroy Double Palm



#### 4518CR

- · Straight thumb
- Nap-in double palm
- Clute pattern
- Knit wrist
- Sizes: M & L

4518CR/FL Fully lined,

Size: Mens

4532CR Band top,

Size: Mens

#### **Double Palm Canvas**



#### 4531

- 20 oz.
- · Straight thumb
- · Nap-In double palm
- Clute pattern
- 2 1/2" band top
- Size: Mens

**4534** 24 oz., 4 ½" heavy canvas gauntlet cuff

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

# Double Palm Canvas



#### 4518

- 20 oz. Straight thumb
- Clute pattern Knit wrist
- Nap-in double palm
- Size: Mens

**4524** 24 oz., Knuckle strap, red knit wrist

4524FL 24 oz., Fully lined, knuckle strap, blue knit wrist

## Fluorescent Green Cotton/Polyester Corduroy Double Palm



#### 4518CR/G

- Straight thumb
- Nap-In double palm
- · Clute pattern
- Knit wrist
- Size: Mens

4518CR/O Fluorescent orange

4518CR/Y Fluorescent yellow

# Fluorescent Orange Cotton Corduroy Double Palm



#### 4518C/0

- Straight thumb
- Nap-In double palm
- · Clute pattern
- Knit wrist
- Size: Mens

4518C/Y Fluorescent yellow

4518C/G Fluorescent green

# **Textile Gloves**

#### Standard Feature Hot Mill



#### 4551

- 24 oz.
- · Straight thumb
- Clute pattern
   Knuckle strap
- Nap-out cotton canvas
- 2 1/2" band top
- · Size: Mens

**4554** 24 oz., 4 ½" heavy canvas gauntlet cuff

4543 20 oz., Knit wrist

4553ML 24 oz., Knit wrist

**4581** 36 oz., 2 ½" band top

#### 30 oz. Green Hot Mill



#### 4571

- Straight thumb
- Nap-out cotton canvas
- Clute pattern
- Knuckle strap
- 2 1/2" band top
- Size: Mens

**4571B** Burlap lined,  $2\frac{1}{2}$ " band top

**4574B** Burlap lined, 4 ½" heavy canvas gauntlet cuff

# 28 oz. Hot Mill with Burlap Lining



#### 4564

- · Straight thumb
- · Nap-out cotton canvas
- Clute pattern
- Knuckle strap
- · Burlap lined for extra heat insulation
- 4 1/2" heavy canvas gauntlet cuff
- Size: Mens

4561 2 ½" band top

## 30 oz. Green Hot Mill



#### 4571A

- 18 oz. outer layer Rayon lining
- Straight thumb Clute pattern
- Nap-out cotton canvas
- 2 ½" band top Knuckle strap
- Size: Mens

4574A 4 ½" heavy canvas gauntlet cuff 4574A/FL 4 ½" heavy canvas gauntlet cuff, fully lined

# Golden Chore with Matching Knit Wrist



#### 4203

- · Heavy weight
- Straight thumb Clute pattern
- Two-layer fleece quilted palm and back
- Size: Mens

4203Q Medium weight

# Green Chore with Matching Knit Wrist



#### 4206

- Heavy weight
- Straight thumb
- Clute pattern
- Two-layer fleece quilted palm and back
- Size: Mens

4206Q Medium weight

# Heavy Weight Golden Chore with Canvas Back



#### 4211

- Straight thumb
- Clute pattern
- Two-layer fleece quilted palm and back
- 2 1/2" canvas band top
- · Size: Mens

**4213** Knit wrist

# Heavy Weight Golden Chore with Gauntlet Cuff



#### 4214

- Straight thumb
- · Clute pattern
- · Canvas back with elastic
- 4 1/2" heavy canvas gauntlet cuff
- Two-layer fleece quilted palm
- Size: Mens

# Heavy Weight Golden Chore with Turtle Neck Gauntlet Cuff



#### 4214ST

- · Straight thumb
- · Clute pattern
- · Canvas back with elastic
- 4 1/2" heavy canvas gauntlet cuff
- Two-layer fleece quilted palm
- Size: Mens

# Seamless Gray Terry Cloth



#### 4123G/C

- 24 oz.
- Reversible
- Knit wrist
- Loop-out
- Ambidextrous
- Sizes: S & L

# Seamless Loop-In Terry Cloth



#### 4113LI

- 18 oz.
- Reversible
- Knit wrist
- Loop-in
- Ambidextrous
- Sizes: S & L

# Seamless Terry Cloth



#### 4123

- 24 oz.
- Reversible
- Knit wrist
- Loop-out
- Ambidextrous
- Sizes: S, L & XL

4113 18 oz., Sizes: S & L

# **Textile Gloves**

# Reversible Gray Cotton/Polyester Knit



#### P4517G

- · Regular weight
- · Elastic knit wrist
- Seamless knit
- Sizes: S-L

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

# Reversible Natural White Cotton/Polyester Knit



#### P4527

- · Heavy weight
- · Elastic knit wrist
- Seamless knit
- Sizes: KD-L

**4517T** Medium weight, Sizes: S-XL

**P4517Q** Regular weight, Sizes: KD-L

**K4517Q** Standard weight, Sizes: KD-L

# Reversible Natural White 100% Cotton Knit



#### 4527C

- · Heavy weight
- · Elastic knit wrist
- · Seamless knit
- Sizes: S-L

**4517C** Medium weight, Sizes: S-L

**4537C** 13-gauge knit, Sizes: XS-L

# Bleach White Cotton/ Polyester Knit



#### 4507

- · Medium weight
- Elastic knit wrist
- Seamless knit
- Reversible
- Sizes: S-L

P4507Q Regular weight 4507Q Standard weight

## Thermastat ™



#### 4597

- · White color
- Elastic knit wrist
- Seamless knit
- Reversible
- Hollow-core hydrophobic polyester fiber
- Size: One Size

4597BU Blue Color

# 100% Nylon Knit



#### 4547NY

- 10 gauge
- Reversible
- · Seamless knit
- · Elastic knit wrist
- Sizes: XS-XL

**4517NP** 7-gauge, nylon/polyester, Sizes: XS-XL

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

800.327.8333

# Regular Weight Fingerless Natural White Cotton/Polyester Knit



#### F4517Q

- Cotton/polyester knit
- · Elastic knit wrist
- Seamless knit
- Reversible
- · Sizes: Mens & Ladies

# Two-Sided Black PVC Dots



#### 4715Q

- · Natural white color
- Cotton/polyester knit
- Elastic knit wrist
- Reversible
- Sizes: S-L

**4715** Bleach white, Sizes: Mens & Ladies

WARNING: Cancer - www.P65Warnings.ca.gov

## One-Sided Black PVC Dots



#### 4716Q

- Natural white cotton/ polyester knit
- Elastic knit wrist
- · PVC dots on palm
- · Sizes: Mens & Ladies

**MARNING:** Cancer - www.P65Warnings.ca.gov

# Two-Sided Blue PVC Blocks



#### P4717

- Natural white cotton/polyester knit
- · Elastic knit wrist
- Reversible
- · Sizes: Mens & Ladies

## One-Sided Brown PVC Palm Coated



#### 4718

- Natural white cotton/polyester knit
- · Elastic knit wrist
- Brown PVC coated on palm
- Sizes: Sizes: Mens & Ladies

WARNING: Cancer - www.P65Warnings.ca.gov

# Heavy Weight Two-Sided Clear PVC Honeycomb



#### 4707

- · Orange color
- · Elastic knit wrist
- Reversible
- Sizes: S-XL

**4707G** Gray color, Sizes: S-XL

WARNING: Cancer - www.P65Warnings.ca.gov

# **Textile Gloves**

## Ultra-Thin Nitrile Palm Coated





- 13 gauge seamless nylon/polyester knit shell
- · Assorted pastel nitrile coating colors
- Matching shell
- Size: Ladies





# Ultra-Thin Nitrile Palm Coated



#### 4632LD

- 13-gauge seamless nylon knit shell
- Assorted pastel nitrile coating colors
- White shell
- Size: Ladies



# *Ultra-Thin Clear Nitrile Palm Coated*



#### 4633LD

- 13-gauge seamless nylon knit shell
- Assorted floral print shell
- Size: Ladies



# *Ultra-Thin Clear Nitrile Palm Coated*



#### 4634LD

- 13-gauge seamless nylon knit shell
- Assorted floral print shell
- Size: Ladies













ANSI-ISEA 107-2015
Non-Rated Garments
ANSI-ISEA 107-2015
Class 2 Garments
ANSI-ISEA 107-2015
Class 3 Garments
ANSI-ISEA 107-2015
Class E Garments



# **Hi-Viz Protective Apparel**

HiVizGard<sup>™</sup> has a broad selection of hi-viz apparel. These garments are to alert drivers or other vehicle operators of a worker's presence, especially in low light and dark conditions. All of our products are engineered and manufactured by certified ISO 9002-2000 facilities. Without compromising your safety, we are committed to designing with comfort, style, and functionality in mind. Gear up with HiVizGard<sup>™</sup> as your hi-viz protective apparel solution.



Customized printing is available. Contact your customer service representative for more details.

## 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 PANT	s			
SIZE	M/L	XL/2XL	3XL/4XL	5XL/6XL
WAIST	49	53	57	61
INSEAM	30	31	31	32

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				

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

WINDBREAKER & BOMBER JACKETS							
SIZE	М	L	XL	2XL	3XL	4XL	
CHEST	52-54	54-56	56-58	58-60	60-62	64-66	

# Hi-Viz Apparel | HiVizGard™

# American ANSI/ISEA 107-2015 Revision | High Visibility Standards

**ANSI/ISEA 107-2015** The standard will now combine the **ANSI/ISEA 107** (roadway) and the **ANSI/ISEA 207** (public safety) into one. This revision is primarily a change in how garments are categorized and labelled and not about protection.

1 Current ANSI/ISEA 107-2010 and ANSI/ISEA 207-2011 garments are still acceptable to use - there are no requirements made to change any existing High Visibility garments. The new standard will help to improve High Visibility by offering more clarification and enhancements for the future.

## 2 New Garment HVSA Types added to Class Definitions New HVSA Types

- Type O = Off Road Non Roadway (Includes Class 1)
- Type R = Roadway (Includes Class 2 and Class 3)
- Type P = Public Safety (Includes Class 2 and Class 3) (ANSI 207 merged)

#### **New HVSA Class Definitions**

- Type O Class 10
- Type R Class 2R and Class 3R
- Type P Class 2P and Class 3P
- Type Supplemental Class E

**3** Smallest Size Garments Type R - Smaller sized workers wearing oversized garments can be a safety hazard. The standard now allows for less background material required for the "smallest" size for both Roadway type Classes.

Smallest size garment may have less background material

- Class 2R = smallest size decreases from 775 sq. inches to 540 sq. inches
- Class 3R = smallest size decreases from 1,240 sq. inches to 1,000 sq. inches
- 4 Non FR labeling Now Required The label will now read "This garment is non flame resistant as defined by ANSI/ISEA 107-2015 Section 10.5" Garments not tested to meet flame resistant performance criteria of standards listed in ANSI are required to have Non FR labelling.





**5** Balanced Design including Logo Allowances - the front and back of garments are now required to have no less than 40% of the minimum required background material and reflective. Logos of non-ANSI compliant materials will not cover more than 72 sq. inches of the background material, no more than 22 sq. inches of reflective material, and will not make a break in the Horizontal reflective greater than 1.97 inches.

As a leader in the Personal Protective Equipment industry, Liberty Glove and Safety will continue to serve its customers by providing high quality, high visibility garments by incorporating a running change that is ANSI/ISEA 107-2015 compliant. As the PPE industry changes to adopt these new standards, we will continue to offer the right protection for the job. Please contact your Liberty Glove & Safety account manager if you have any additional questions at (800) 327-8333.

# Hi-Viz Lime Green Plain Mesh Safety Vest



#### N16000G

- · Hook and loop front closure
- · Elastic side straps
- Size: One Size

N16000F Hi-viz orange

# Hi-Viz Orange Plain Mesh Safety Vest



#### N16001F

- Hook and loop front closure
- 1" silver reflective tape
- · Elastic side straps
- Size: One Size

N16001G Hi-viz lime green

# Hi-Viz Orange Plain Mesh Safety Vest



# Hi-Viz Lime Green Plain Mesh Safety Vest



# Hi-Viz Orange Traditional Surveyor Solid Fabric with Multiple Pockets Safety Vest



#### N16230

- Hook and loop front closure
- 1" high reflective stripes
- · Elastic side straps
- Size: One Size

N16210 Hi-viz lime green

## N16220

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

N16240 Hi-viz orange

#### N16020F

- Zipper closure
- 2" hgih reflective stripes with contrasting trim
- Four inside pockets, two outside cargo pockets
- Sizes: S-4XL

**N16020G** Hi-viz lime green, Sizes: S-5XL

# Non-Rated Garments | HiVizGard™

# Hi-Viz Orange Traditional Surveyor Solid Fabric Front and Mesh Back Safety Vest



#### N16011F

- Zipper closure
- 2" silver reflective tape with contrasting trim
- One outside upper left 4-division pencil pocket, one outside upper right 2-division pocket, two inside pockets, and two outside cargo pockets
- Sizes: S-4XL

N16011G Hi-viz lime green, Sizes: S-4XL





Hi-Viz Orange Traditional Surveyor Mesh Top and Solid Bottom Safety Vest





# Hi-Viz Orange Light Weight Long Sleeve Mesh T-Shirt



# Hi-Viz Lime Green Light Weight Short Sleeve Mesh T-Shirt



#### N16012F

- 2" silver reflective tape with contrasting trim
- One outside upper left 4-division pencil pocket, one outside upper right 2-division pocket, two inside pockets, and two outside cargo pockets
- Zipper closure Sizes: S-4XL

N16012G Hi-viz lime green,

#### N16700F

- One outside upper chest pocket
- Moisture wicking polyester
- Sizes: M-3XL

N16700G Hi-viz lime green, Sizes: M-3XL

#### N16600G

- Moisture wicking polyester
- One outside upper chest pocket
- Sizes: S-4XL

N16600F Hi-viz orange, Sizes: S-4XL



# Hi-Viz Lime Green Surveyor Mesh Top and Solid Bottom Fabric Safety Vest





#### C16032G

- Zipper closure
- 2" silver reflective tape
- One outside upper left 2-division pocket, one outside upper right clear panel chest pocket, one reach thru pocket on back with two metal snap closures, three inside pockets, and two outside media compatible pockets with hook and loop closure
- · Grommets at neck for tool tethers
- Sizes: S-4XL

# Hi-Viz Lime Green Surveyor Solid Fabric Vest with Multiple Pockets



# Hi-Viz Lime Green Surveyor Mesh Safety Vest



# Hi-Viz Lime Green Surveyor Solid Front and Mesh Back Safety Vest



#### C16021G

- Zipper closure 2" silver reflective tape
- One outside upper left 4-division pencil pocket, one outside upper right pocket, two inside pockets, and two outside cargo pockets
- Sizes: S-4XL

C16021F Hi-viz orange,

Sizes: S-4XL

#### C16802G

- Zipper closure
- 2" high reflective stripes
- Two front inside pockets, two outside upper pockets
- Sizes: M-4XL

C16802F Hi-viz orange, Sizes: M-4XL

#### C16010G

- Zipper closure 2" silver reflective tape
- One outside upper left 4-division pencil pocket, one outside upper right 2-division pocket, two inside pockets, and two outside cargo pockets
- Sizes: S-4XL

C16010F Hi-viz orange, Sizes: S-4XL

# Hi-Viz Lime Green with Black Bottom Mesh Safety Vest





#### C16002QGB

- Zipper closure
- 2" silver reflective tape
- One upper left pocket
- Sizes: S-6XL

C16002G Hi-viz lime green, Sizes: S-6XL

C16002F Hi-viz orange, Sizes: S-7XL



# Hi-Viz Orange Mesh Safety Vest





# C16600G

- Moisture wicking polyester
- One outside upper chest pocket
- 2" silver reflective tape Sizes: S-6XL

C16600F Hi-viz orange, Sizes: S-6XL C16700G Hi-viz lime green, Long sleeve, Sizes: S-4XL

C16700F Hi-viz orange, Long sleeve, Sizes: M-4XL

# Weave Mesh T-Shirt

Hi-Viz Lime Green Open



# Hi-Viz Lime Green Open Weave Mesh T-Shirt with Collar



#### FR16002F

- Zipper closure
- 2" silver reflective tape
- One outside upper chest pocket
- · Self-extinguishing treated material
- Sizes: M-5XL

FR16002G Hi-viz lime green, Self extinguishing material, Sizes: S-5XL

#### C16500G

- Moisture wicking polyester
- 2" silver reflective tape
- Sizes: S-4XL

C16500F Hi-viz orange, Sizes: S-4XL



# Hi-Viz Lime Green 5-Point Break-Away Mesh Safety Vest



5-Point Break-Away





- the top, sides, and front
- 2" silver reflective tape
- Two inside pockets
- Sizes: S-6XL

C16005F Hi-viz orange, Sizes: S-6XL

# Hi-Viz Lime Green Mesh Safety Vest



# Hi-Viz Orange Solid Fabric Safety Vest



# Hi-Viz Lime Green Mesh Safety Vest



#### C16022G

- Zipper closure
- 2" silver reflective tape
- Two outside upper pockets, two inside pockets
- Sizes: M-5XL

C16022F Hi-viz orange, Sizes: M-5XL

#### C16822F

- Zipper closure
- 2" high reflective stripes
- Two inside pockets, two outside upper pockets, and two outside cargo pockets with hook and loop closure
- Sizes: M-6XL

C16822G Hi-viz lime green, Sizes: M-6XL

#### C16003G

- Zipper closure
- 2" silver reflective tape
- One outside upper left pocket, two inside pockets
- Sizes: S-6XL

C16003F Hi-viz orange, Sizes: S-4XL

# Hi-Viz Lime Green Mesh Safety Vest





#### C16013G

- Zipper closure
- 2" silver reflective tape with contrasting trim
- Two outside upper pockets, two outside cargo pockets with hook and loop closure
- Sizes: S-5XL



# Hi-Viz Lime Green Mesh Safety Vest



# Hi-Viz Orange Solid Front and Mesh Back Safety Vest



# Hi-Viz Lime Green Mesh Safety Vest



#### C16007G

- Zipper closure
- 2" silver reflective tape with contrasting trim
- Two chest pockets, two inside pockets, and one radio pocket
- Hook and loop expandable side panels
- Sizes: S-4XL

#### C16012F

- 2" silver reflective tape with contrasting trim
- One outside upper left 4-division pencil pocket, one outside upper right 2-division pocket, one radio pocket, two inside pockets, two mic tabs, and two outside cargo pockets with hook and loop closure
- Zipper closure
   Sizes: M-5XL

C16012G Hi-viz lime green, Sizes: M-5XL

#### C16852G

- · Hook and loop front closure
- 2" high reflective stripes and 1 3/8" PVC chevron style on the back
- Expandable side panels
- Universal Sizes: S-XL Plus Sizes: 2XL-5XL

C16852F Hi-viz orange, Universal sizes: S-XL, Plus sizes: 2XL-5XL



# Hi-Viz Lime Green Mesh Safety Vest with Sleeves



- Zipper closure
- 2" silver reflective tape with contrasting trim
- . Two outside chest pockets, two outside cargo pockets with hook and loop closure
- Sizes: S-6XL

C16014F Hi-viz orange, Sizes: M-6XL

# Hi-Viz Lime Green Mesh Fabric Safety Vest with Sleeves



## Hi-Viz Lime Green Shirt



# Hi-Viz Lime Green Weatherproof Windbreaker



#### C16004G

- Zipper closure 2" silver reflective tape
- One upper left 4-division pencil pocket, two inside pockets • Sizes: M-4XL

C16004F Hi-viz orange, Sizes: M-4XL

- FR16004G Hi-viz lime green, Selfextinguishing treated material, Sizes: M-5XL
- 🎍 FR16004F Hi-viz orange, Selfextinguishing treated material, Sizes: M-4XL

#### (Self-Extinguishing Treated Material)

#### C16614G

- · Moisture wicking polyester lightweight fabric
- 2" silver reflective tape with contrasting trim
- One outside upper chest pocket
- Sizes: S-4XL

C16614F Hi-viz orange, Sizes: S-4XL

#### C16720G

- PU coated 300 denier polyester oxford
- Zipper closure with storm flap
- 2" silver reflective tape
- · Concealed attached hood
- Adjustable wrist straps
- One radio pocket, two lower pockets
- Polyester mesh liner
   Sizes: S-7XL

C16720F Hi-viz orange, Sizes: M-4XL

#### Hi-Viz Lime Green Bomber Jacket



#### C16722G

- PU coated 300 denier polyester oxford
- Zipper closure 2" silver reflective tape
- Fully insulated fleece liner and collar
- · Hidden detachable hood with drawstrings and stoppers
- · Elastic waistband and cuff
- One 2-division pencil pocket, two slash zipper pockets, one inside pocket, and one radio pocket
- Sizes: M-6XL

C16722F Hi-viz orange, Sizes: M-3XL





## Hi-Viz Lime Green Black Bottom Bomber Jacket



#### C16725G

- PU coated 300 denier polyester oxford
- Zipper closure 2" silver reflective tape
- · Black quilted liner and insulated collar
- Hidden detachable hood with adjustable pull cords
- Two slash zipper pockets, one inside pocket, and one radio pocket
- Elastic waistband and cuff Sizes: M-5XL

## Hi-Viz Lime Green Sweatshirt



#### C16724G

- 100% polyester fleece
- Zipper closure 2" silver reflective tape
- · Elastic ribbed cuff and waistband
- Hood with adjustable pull cord
- Two side pockets Sizes: M-3XL

C16724F Hi-viz orange, Sizes: M-5XL

## Hi-Viz Lime Green Black Bottom Sweatshirt



#### C16734GB

- 100% polyester fleece
- Zipper closure
- 2" silver reflective tape
- · Elastic ribbed cuff and waistband
- Hood with adjustable pull cord
- Two side pockets
- Sizes: M-4XL



## Hi-Viz Lime Green with Black Bottom Softshell Jacket



#### C16728GB

- Weatherproof outer contour softshell
- Zipper closure
- 2" silver reflective tape
- Fully insulated fleece liner and collar
- Adjustable cuffs with rubber pulls tabs
- Two outside slash zipper pockets
- Left chest media compatible pocket, two mic tabs
- Sizes: M-4XL





• Fully insulated fleece liner and collar

• One radio pocket, two lower cargo pockets

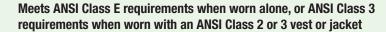
• Hidden detachable hood with adjustable pull cords

## Hi-Viz Lime Green Black Bottom Rain Pants



#### C16920GB

- PU coated 300 denier polyester oxford
- 2" silver reflective tape
- Elastic waist with drawstring
- Adjustable ankle snaps
- Two upper slash through pockets
- Sizes: M-4XL







## Hi-Viz Orange Mesh Pants



C16925F

• 2" silver reflective tape

- · Elastic waist with drawstring
- Dual Sizes: M/L, XL/2XL, 3XL/4XL, 5XL/6XL

C16925G Hi-viz lime green, Dual sizes: M/L, XL/2XL, 3XL/4XL, 5XL/6XL

## Hi-Viz Lime Green Rain Pants



- PU coated 300 denier polyester oxford
- 2" silver reflective tape
- · Elastic waist, drawstring, and ankle snaps
- Two upper slash through pockets
- Sizes: S-7XL

C16920F Hi-viz orange, Sizes: M-3XL

## Hi-Viz Orange Thermal Pants



- PU coated 300 denier polyester oxford
- 2" silver reflective tape
- Elastic waist, drawstring, and ankle snaps
- Two upper slash through pockets
- Sizes: M-6XL

C16921G Hi-viz lime green, Sizes: M-6XL





**Welding Gloves** 

Deerskin

**Pigskin** 

Goatskin

Grain Cowhide | Split Cowhide

# **Welding Apparel**

Jackets | Cape Sleeves | Aprons | Chaps



**Premium Welding Gear** 

# **Welding Gloves and Apparel**

Introducing a line of premium welding protective gear made for your industry. Products are made from versatile premium leathers to meet your working demands. Standard welding hand protection is ideal for high heat applications. Where dexterity is needed for welding, MIG/TIG is your perfect choice. Our safety products are specialized for trade pros. Work with confidence.

## **Icon Legend**



Cowhide



Goatskin



**Pigskin** 



Deerskin



#### 7985

- 14" length
- · Cotton foam lined back, unlined reverse grain palm
- · Wing thumb with reinforced thumb strap
- Gunn pattern
- Kevlar® thread sewn
- Sizes: S-XL

WARNING: Cancer - www.P65Warnings.ca.gov



#### 7975

- 14" length
- · Cotton foam lined back, unlined reverse grain palm
- · Wing thumb with reinforced thumb strap
- Gunn pattern
- Kevlar® thread sewn
- Sizes: S-XL

# Welding Gloves | MASTERS™



#### 7732

- Unlined
- 4" split leather cuff
- · Straight thumb
- Kevlar<sup>®</sup> thread sewn
- Sizes: S-XL

**7742** Unlined palm with added reinforced thumb strap, cotton/foam lined back, Sizes: S-XL

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# Premium Grain Pearl Pigskin TIG Welder





#### 7730

- Unlined
- 4" split leather cuff
- · Straight thumb
- Gunn pattern
- Kevlar® thread sewn
- Sizes: S-XL

# Premium Grain Pearl Kidskin TIG Welder



#### 7804A

- Unlined
- 4" split leather cuff
- Straight thumb Gunn pattern
- Kevlar® thread sewn
- Sizes: S-XL

**7804** Seamless forefinger, wing thumb

7800A 2" cuff

**7800** Seamless forefinger, 2" cuff, wing thumb

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## Premium Grain Goatskin TIG Welder





#### 7814

- Unlined
- 4" split leather cuff
- Wing thumb
- Gunn pattern
- · Seamless forefinger
- Kevlar<sup>®</sup> thread sewn
- Sizes: S-XL

## Premium Grain Goatskin TIG Welder





# Lightweight Split Pearl Deerskin TIG Welder









#### 7810

- Unlined
- 2" grain leather cuff
- Straight thumb
- · Clute pattern
- · Cotton thread sewn
- Sizes: S-2XL

# 7925

- Unlined
- 4" split leather cuff
- · Straight thumb
- Gunn pattern
- Kevlar® thread sewn
- Sizes: S-XL

#### 7935

- Unlined palm, cotton/foam lined back
- 4" split leather cuff
- Straight thumb with reinforced thumb strap
- Gunn pattern
- Kevlar<sup>®</sup> thread sewn
- Sizes: S-XL

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# Grain Cowhide MIG Welder





#### 7114

- Unlined
- · Wing thumb
- Premium grain leather
- 4" split leather cuff
- · Seamless forefinger
- · Gunn pattern
- Kevlar® thread sewn
- Sizes: M-XL

7124 Quality grain, Sizes: S-XL

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# Premium Select Shoulder Cowhide Foundry



#### 7684

- · Full sock lined
- Wing thumb with reinforced thumb strap
- · Clute pattern
- Kevlar® thread sewn
- Size: Mens







#### 7324

- · Full sock foam lined
- · Wing thumb with reinforced thumb strap
- Gunn pattern
- Kevlar® thread sewn
- Size: Mens

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# Welding Gloves | MASTERS™



#### 7344

- Premium side split leather
- · Wing thumb with reinforced palm
- Full sock foam lined
- Gunn pattern
- Kevlar<sup>®</sup> thread sewn
- Sizes: S, L & XL

**7354** Premium select shoulder leather, Sizes: S-XL

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# **Gray Cowhide** Welder

















#### E7270

- · Standard shoulder leather
- Wing thumb
- · Gunn pattern
- · Cotton thread sewn
- Size: Mens

**7250** Premium select shoulder leather, full sock lined, Kevlar® thread sewn, Size: Mens

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# Cowhide Welder



#### 7650A

- · Premium select shoulder leather
- · Full sock lined
- Gunn pattern
- Wing thumb
- Kevlar® thread sewn
- Size: Mens

**7670** Standard shoulder leather, cotton thread sewn

**7654** Straight thumb with reinforced thumb strap

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# Black Cowhide Welder



#### 7770

- · Full sock lined
- Wing thumb
- Gunn pattern
- Cotton thread sewn
- Size: Mens

# Welding Apparel | MASTERS™



Premium Golden Brown Side Split Cowhide Welding Jacket

#### A7530

- 30" length
- Kevlar<sup>®</sup> thread sewn throughout
- One soap stone pocket on each sleeve
- Adjustable wrist snaps
- One outside pocket
- · Underarm gusset
- Sizes: M-4XL

A7526 26" length welding jacket







Premium Golden Brown Side Split Cowhide Cape Sleeves

#### A7521

- 21" length
- Kevlar<sup>®</sup> thread sewn throughout
- One soap stone pocket on each sleeve
- · Adjustable wrist snaps
- Underarm gusset
- Open back for ventilation
- Sizes: M-4XL

Attaches to leather bibs:

**A7114** 14" leather bib

**A7120** 20" leather bib

**A7124** 24" leather bib



# Welding Apparel | MASTERS™

## Premium Golden Brown Side Split Cowhide Bib Apron A7442

- Two chest pockets
- Heavy duty adjustable waist straps
- · Side release buckles for easy on/off
- Cotton crossed back straps Size: 24" x 42"

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## Bib Apron A7436

- Two chest pockets Cotton crossed back straps
- · Side release buckles for easy on/off
- · Heavy duty adjustable waist straps
- Size: 24" x 36"

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## **Bench Apron** A7428

- Two chest pockets
- One waist D-ring
- Apron flares to 30" at bottom
- Size: 24" x 28"

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Cotton crossed back straps with side release (available on bib & bench aprons)



Two chest pockets (available on all aprons except waist apron)



Waist D-ring (available on bench apron and split leg bib apron)



# Split Leg Bib Apron

#### A7300

- Two chest pockets
- 3 Adjustable straps on each leg with side release buckles for easy on/off
- Double reinforced crotch area
- One waist D-ring
- Heavy duty adjustable waist straps
- Size: 24" x 54"



#### Chaps

#### A7330

- · Double reinforced crotch area
- 3 Adjustable straps on each leg with side release buckles for easy on/off
- Heavy duty adjustable waist straps
- Size: 24" x 38"

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straps on each leg with side release buckles (Available on split leg bib apron & chaps)





## Waist Apron

#### A7224

- Heavy duty adjustable waist straps
- Size: 24" x 24"







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



# **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.



For Chest / Bust Size -

Measure under the arms and across the broadest part of the chest area.

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



Customized printing is available. Contact your customer service representative for more details.

# FR PVC/Polyester/PVC 3-Piece Yellow Rainsuit

#### FR1340

- 0.35mm thickness
- · Jacket with detachable hood & bib overall pants
- Storm-fly front snaps closure
- · Underarm air vents
- Cape-vented back
- Heavy PVC reinforced joints
- · Self-extinguishing treated material
- Sizes: S-5XL



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## PVC/Nylon/PVC 2-Piece Green Acid Suit

#### 1370

- 0.40mm thickness
- · Jacket with attached hood & bib overall pants
- Storm-fly front snaps closure
- Underarm air vents
- Cape-vented back
- · Heavy PVC reinforced joints
- · Self-extinguishing treated material
- Sizes: S-5XL
- 1374 Coverall, Sizes: S-5XL





# **Protective Rainwear | DuraWear**™



# PVC/Polyester 3-Piece Lime Green Rainsuit with Reflective Stripes

#### 1260HIVIZ

- 0.35mm thickness
- Jacket with detachable hood & bib overall pants
- · Corduroy collar jacket
- · Zipper front with storm-fly front snaps
- Underarm air vents
- Cape-vented back
- · Heavy PVC reinforced joints
- Sizes: S-5XL



## 2 Layers Orange PVC/Polyester 3-Piece Rainsuit

#### 1240

- 0.35mm thickness
- Jacket with detachable hood & bib overall pants
- · Corduroy collar jacket
- · Zipper front with storm-fly front snaps
- Underarm air vents
- Cape-vented back
- · Heavy PVC reinforced joints
- Sizes: S-5XL

**1260** Lime green, 3-Piece set

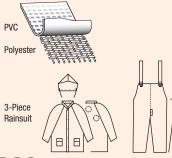




# Protective Rainwear | DuraWear™



## 2 Layers PVC/Polyester 3-Piece Yellow Rainsuit



#### 1220

- 0.35mm thickness
- Corduroy collar jacket
   Underarm air vents
- Two front flap pockets
   Cape-vented back
- Jacket with detachable hood & bib overall pants
- Zipper front with storm-fly front snaps
- Adjustable ankle snaps & cuff snaps
- · Heat welded stitches and heavy PVC reinforced joint
- Adjustable suspender clips
   Sizes: S-7XL

1222 Jacket with detachable hood only, Size: S-3XL

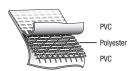
1223 Bib overall pants only, Sizes: S-3XL

1220EW 3-Piece set, elastic waist pants, Size: S-4XL



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# 3 Layers PVC/Polyester/PVC 3-Piece Yellow Rainsuit

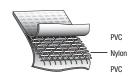


#### 1320

- 0.35mm thickness
- Jacket with detachable hood & bib overall pants
- · Corduroy collar jacket
- · Zipper front with storm-fly front snaps
- · Underarm air vents
- Adjustable ankle snaps and cuff snaps
- · Two front flap pockets
- Adjustable suspender clips
- · Cape-vented back
- · Heavy PVC reinforced joint
- Sizes: S-4XL

MARNING: Cancer - www.P65Warnings.ca.gov

# 3 Layers PVC/Nylon/PVC 3-Piece Yellow Rainsuit



#### 1330

- · 0.40mm thickness
- Jacket with detachable hood & bib overall pants
- Corduroy collar jacket
- · Zipper front with storm-fly front snaps
- Underarm air vents
- Adjustable ankle snaps and cuff snaps
- Two front flap pockets
- Adjustable suspender clips
- · Cape-vented back
- · Heavy PVC reinforced joint
- Sizes: S-5XL

**MARNING:** Cancer - www.P65Warnings.ca.gov

# Single Layer PVC 3-Piece Yellow Rainsuit



#### 1020

- . 0.10mm thickness
- Elastic waist pants
- Jacket with detachable hood
- · Storm-fly front snaps
- Sizes: S-3XL

1020 3-Piece Rainsuit with elastic pants





# **Protective Rainwear | DuraWear**™

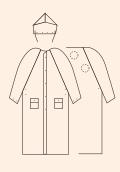
# 2 Layers PVC / Polyester 2-Piece Yellow Rainsuit 1220AH • 0.35mm thickness • Jacket with attached hood & bib overall pants • Corduroy collar jacket • Zipper front with storm-fly front snaps • Underarm air vents • Cape-vented back • Heavy PVC reinforced joints • Sizes: S-5XL

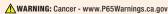
# PVC/Polyester Raincoat

#### 1225

- 0.35mm thickness
- 48" length coat with detachable hood
- Cape-vented back
- Storm-fly front snaps
- Two flapped pockets
- Sizes: S-6XL

**1245** Orange, Sizes: S-5XL





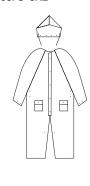


# PVC/Polyester 2-Piece Slicker

WARNING: Cancer - www.P65Warnings.ca.gov

#### 1228

- 0.35mm thickness
- Slicker with detachable hood
- 60" length
- · Storm-fly front snaps
- Sizes: S-3XL

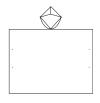




#### **PONCHO**

#### 1026

- · Heat-sealed seams
- Attached hood
- Side snap closure
- · Reach-through sleeves
- Size: 52" x 80"



10260D Olive drab green

10260R

Orange

1026NB

Navy blue

1025

Clear polyethylene, 0.02mm thickness, sealed sides, Size: 50" x 80"





















# **Protective Apparel**

**APA® AllGard Protective Apparel** offers disposable protective garments from economical to proprietary materials which pro-vide excellent barrier protection, comfort, and breathability. It is designed to deliver confidence without compromising safety.

**PlusGard®** is exclusively developed by our research and development team to promote excellent breathability, durable abrasion resistance, and high-level protection against blood borne pathogen penetration.

**PureGard™** is an economical alternative for excellent splash protection against light non-hazardous liquid.

**PermaGard™** 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™** is made with a durable material that provides non-hazardous particulate protection while offering excellent breathability.

**PolyGard™** is the most economical solution for general applications.



Customized printing is available. Contact your customer service representative for more details.

# **AllGard Protective Apparel Features** 1. Raglan back construction for greater range of motion 2. Storm-flap over zipper front closure 4. Elastic back prevents liquid waist for comfort splashes and fit 5. Elastic wrists keep out particulates 6. Reinforced overlock stitching at crotch reinforcement provides fewer blowouts 3. Two-way zipper allows convenient access to interior clothing 7. Elastic ankles provide snug fit 0 over shoes



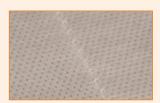
#### **RAGLAN BACK CONSTRUCTION**

Creates stronger seams for a wider range of arm movement, which has less exposure than standard sewing construction

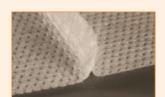
**CAPE BACK**For quick moisture discharge

PP SPUNBOND BACK
For continuous
breathable comfort

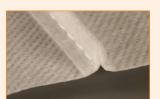
#### STITCHING CONSTRUCTION



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**

	FlusGard ™ an AlGard Protective Apparel	PermaGard value results and the second value of the second value o	ProGard and a state of the stat	PureGard a strate feature date	PolyGard* on ACOUNTY Princeton Appeals
VIRAL & BLOOD PENETRATION PROTECTION	•	N/A	N/A	N/A	N/A
WATERPROOF	N/A	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	AVAILABLE	N/A	N/A	N/A
CAPE BACK	AVAILABLE	AVAILABLE	N/A	N/A	N/A
PP SPUNBOND BACK	AVAILABLE	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® 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



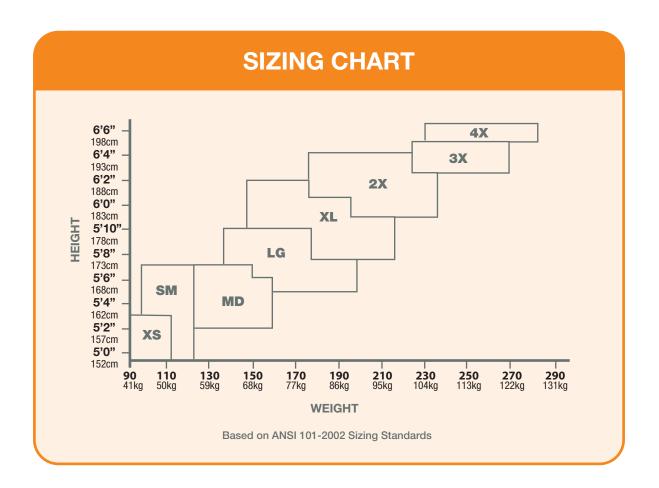
ProGard™ is a strong and durable 3-layered material that provides non-hazardous particulate protection while offering excellent breath-ability and comfort.

#### 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.

	Coverall with Elastic Wrists & Ankles	Coverall	Coverall with Hood & Boots	Coverall with Hood	Shirt	Pants	Apron	Sleeve
PLUSGARD™ SPUNBONDED POLYPROPYLENE/ MICRO POROUS PPM FILM/ SPUNBONDED POLYPROPYLENE		18220B	18222B	18227B				
PERMAGARD <sup>TM</sup> MICRO-POROUS FILM OVER SPUNBONDED POLYPROPYLENE	18125	18120	18122	18127	18303	18350	18470	18500
PROGARD TM SPUNBONDED/MELTBLOWN/ SPUNBOND POLYPROPYLENE FABRIC(SMS)	19125 19125B	19120	19122 19122B	19127 19127B				
POLYGARD <sup>TM</sup> SPUNBONDED POLYPROPYLENE	15125 15135 15145		15122 15122B 15132 15142	15127				15500 15500B
PureGard  POLYETHYLENE FILM OVER SPUNBONDED POLYPROPYLENE	17125		17122					17500
TYVEK®	TY125	TY120	TY122	TY127	TY303S	TY350S	TY273B TY274B	TY500S
			(A)			J.C.		
	Shoe Covers	Boot Covers	Shoulder Length Hood	Bouffant	Beard Cover	Lab Coat	Lab Coat with 3 Pockets	Lab Coat with 3 Pockets & Knit
PLUSGARDTM SPUNBONDED POLYPROPYLENE MICRO POROUS PPM FILM/ SPUNBONDED POLYPROPYLENE			Shoulder Length Hood	Bouffant	Beard Cover		Lab Coat	Lab Coat
SPUNBONDED POLYPROPYLENE/ MICRO POROUS PPM FILM/			Shoulder Length Hood	Bouffant	Beard Cover		Lab Coat	Lab Coat with 3 Pockets
SPUNBONDED POLYPROPYLENE MICRO POROUS PPM FILM/ SPUNBONDED POLYPROPYLENE  PERMAGARD MICRO-POROUS FILM OVER SPUNBONDED OVER SPUNBONDED	Shoe Covers	Boot Covers	Hood	Bouffant	Beard Cover	Lab Coat	Lab Coat with 3 Pockets	Lab Coat with 3 Pockets
SPUNBONDED POLYPROPYLENE MICRO PROCUS PPM FILM/ SPUNBONDED POLYPROPYLENE  PERMAGARD MICRO-POROUS FILM OVER SPUNBONDED POLYPROPYLENE  PROGARD  PROGARD  SPUNBONDED/MELTBLOWN/ SPUNBONDED/MELTBLOWN/ SPUNBONDED	Shoe Covers	Boot Covers	Hood	Bouffant  15819(B/W) 15821 (W/B/R/G/Y) 15824 (W/B/R/G/Y)	15803 15803B 15803R	Lab Coat	Lab Coat with 3 Pockets	Lab Coat with 3 Pockets & Knit
SPUNBONDED POLYPROPYLENE MICRO POROUS PPM HILM/ SPUNBONDED POLYPROPYLENE  PERMAGARD MICRO-POROUS FILM OVER SPUNBONDED POLYPROPYLENE  PROGARD SPUNBONDED POLYPROPYLENE  PROGARD SPUNBONDED POLYPROPYLENE  PROGARD SPUNBONDED POLYPROPYLENE  PROGARD SPUNBOND POLYPROPYLENE FABRIC(SMS)  POLYGARD TM	18400 15420 15420W 15440	Boot Covers	18386 15386B	15819(B/W) 15821 (W/B/R/G/Y) 15824	15803 15803B	18300 19300	Lab Coat with 3 Pockets 18301 19301	Lab Coat with 3 Pockets & Knit



#### **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.

PlusGard<sup>™</sup>, PermaGard<sup>™</sup>, ProGard<sup>™</sup>, PureGard<sup>™</sup>, and PolyGard<sup>™</sup> are trademarks of AllGard<sup>™</sup> Protective Apparel.

# **Protective Apparel - PlusGard™**





## Spunbonded Polypropylene/Meltblown/ Spunbonded Polypropylene/APTRA®/ Spunbonded Polypropylene

- Proprietary technology
- Protects against viral & bloodborne penetration
- Breathable material
- Abrasion resistant

#### Test Methods:

- ASTM F1670-08 (Synthetic Blood Penetration)
- ASTM F1671-07 Method B (Viral Penetration)

#### Applications:

- Health care
- Emergency medical response
- Laboratory
- · Environmental clean up
- Sanitation
- Forensics/embalming





#### WHITE COVERALL WITH HOOD & BOOTS

18222

Serged seams

Attached hood

Attached boots

Elastic wrists

Elastic waist

Closure at chin

Zipper front closure with storm-fly

Sizes: M-5XL

Packaged: 25 pieces/case



#### **BLUE COVERALL WITH HOOD & BOOTS**

18222B

Serged seams

Attached hood

Attached boots

Elastic wrists

Elastic waist

Zipper front closure with storm-fly

Closure at chin Sizes: M-5XL

Packaged: 25 pieces/case



#### **BLUE COVERALL WITH HOOD**

18227B

Serged seams

Attached hood

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with storm-fly

Closure at chin Sizes: M-5XL

Packaged: 25 pieces/case



#### **Mechanical Properties of Breathable PPM Film:**

Properties		Test Method	Results
Tensile Streng	gth (MD)	ASTM D5034	57.55 Lbs.
	(CD)		46.22 Lbs.
Trapezoidal T	ear(MD)	ASTM D5733	9.19 lbs
	(CD)		13.88 lbs
Elongation	(MD)	ASTM D5034	0.85%
	(CD)		0.69%

# **Protective Apparel - PureGard™**



# COVERALL WITH ELASTIC WRISTS & ANKLES

17125
Serged seams
Collar
Elastic wrists
Elastic ankles
Zipper front closure
Sizes: M-4XL

Packaged: 25 pieces/case



# COVERALL WITH HOOD & BOOTS

17122
Serged seams
Attached hood
Attached boots
Elastic wrists
Zipper front closure
Closure at chin
Sizes: L-3XL

Packaged: 25 pieces/case



# **SLEEVES**

17500 Serged seams Elastic top Elastic wrists 18" length

Packaged: 500 pieces/case



## LAB COAT WITH POCKETS

17301
Serged seams
Collar
Elastic wrists
3 pockets
Zipper front closure
Sizes: L-3XL
Packaged: 30 pieces/case





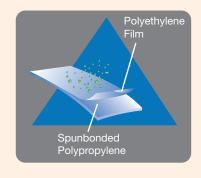


# Polyethylene Film Over SpunBonded Polypropylene

- Economical solution
- Splash protection against light nonhazardous liquids
- · Breathable material

## Applications:

- General maintenance
- Spray painting



# Protective Apparel - PermaGard™



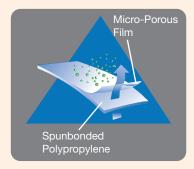


# **Micro-Porous Film Over Spunbonded Polypropylene**

- · General purpose
- Non-hazardous applications to protect against dirt, light liquid splashes, and particles
- Anti-static

# Applications:

- Agriculture
- · General maintenance
- Food processing Environmental clean up
- Spray painting
- Asbestos abatement



### **COVERALL**

18120

Serged seams

Collar

Elastic waist

Zipper front closure with

storm-fly

Sizes: M-5XL

Packaged: 25 pieces/case





# **COVERALL WITH HOOD & BOOTS**

18122

Serged seams

Attached hood

Attached boots

Elastic wrists

Elastic waist

Elastic ankles Zipper front closure with

storm-fly

Closure at chin

Sizes: M-4XL

Packaged: 25 pieces/case



18125

Serged seams

Collar

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with

storm-fly

Sizes: S-5XL

Packaged: 25 pieces/case



## **COVERALL WITH HOOD**

18127

Serged seams

Attached hood

Elastic wrists

Flastic waist

Elastic ankles

Zipper front closure with

storm-fly

Closure at chin

Sizes: M-4XL

Packaged: 25 pieces/case



# **Protective Apparel - PermaGard™**

# LAB COAT WITH POCKETS

18301 Serged seams Collar 3 pockets Snap front closure Sizes: S-4XL

Packaged: 30 pieces/case



# LAB COAT

18300 Serged seams Collar Snap front closure Sizes: M-4XL Packaged: 30 pieces/case



# **APRON**

18470 Serged seams Bib style Bound neck strap and ties Dimension: 28" x 36" Packaged: 100 pieces/case



## **SHIRT**

18303 Serged seams Collar Long sleeve Snap front closure Sizes: L-3XL

Packaged: 50 pieces/case



### **PANTS**

18350 Serged seams Elastic waist Sizes: M-3XL

Packaged: 50 pieces/case



# **SLEEVES**

18500 Serged seams 18" length Elastic top Elastic wrists Packaged: 200 pieces/case



### **BOOT COVER**

18444 Serged seams 18" length Elastic top Mens large

Packaged: 100 pieces/case



### SHOE COVER

18440 Serged seams Elastic top Sizes: L-XL Packaged: 200 pieces/case



### HOOD

18386 Serged seams Elastic face Shoulder length

Packaged: 100 pieces/case



# **Protective Apparel - ProGard™**



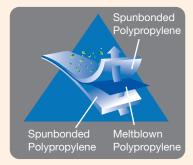


# Spunbonded/MeltBlown/Spunbonded Polypropylene (SMS)

- · Strong durable material
- Non-hazardous particulate protection
- Breathable material
- Minimal lint

# Applications:

- General maintenance
- Janitorial/Cleaning





#### COVERALL

19120

Serged seams

Collar

Elastic waist

Zipper front closure with storm-fly

Sizes: M-4XL

Packaged: 25 pieces/case



# **COVERALL WITH ELASTIC WRISTS & ANKLES**

19125

Serged seams

Collar

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with storm-fly

Sizes: M-6XL

Packaged: 25 pieces/case



# BLUE COVERALL WITH ELASTIC WRISTS & ANKLES

19125B

Serged seams

Collar

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with storm-fly

Sizes: M-4XL

Packaged: 25 pieces/case



# **Protective Apparel - ProGard™**

# **COVERALL WITH HOOD & BOOTS**

19122

Serged seams

Attached hood

Attached boots

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with

storm-fly

Closure at chin

Sizes: M-4XL

Packaged: 25 pieces/case



# **COVERALL WITH HOOD**

19127

Serged seams

Attached hood

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with

storm-fly

Closure at chin

Sizes: S-4XL

Packaged: 25 pieces/case



# **BLUE COVERALL WITH HOOD & BOOTS**

19122B

Serged seams Attached hood

Attached boots

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with

storm-fly

Closure at chin Sizes: M-4XL

Packaged: 25 pieces/case



# **BLUE COVERALL WITH HOOD**

19127B

Serged seams

Attached hood

Elastic wrists

Elastic waist

Elastic ankles

Zipper front closure with

storm-fly

Closure at chin

Sizes: M-4XL

Packaged: 25 pieces/case



### LAB COAT

19300

Serged seams

Collar

Snap front closure

Sizes: M-4XL

Packaged: 30 pieces/case



## LAB COAT WITH POCKETS

19301

Serged seams

Collar

3 pockets

Snap front closure

Sizes: M-4XL

Packaged: 30 pieces/case



# LAB COAT WITH POCKETS. KNIT COLLAR & CUFF

19311

Serged seams

Knit collar

Knit cuff

3 pockets

Snap front closure

Sizes: S-4XL

Packaged: 25 pieces/case



### **BLUE LAB COAT**

19300B

Serged seams

Collar

Snap front closure

Sizes: M-4XL

Packaged: 30 pieces/case



# **BLUE LAB COAT WITH**

**POCKETS** 

19301B Serged seams

Collar

3 Pockets

Snap front closure Sizes: M-4XL

Packaged: 30 pieces/case



# **Protective Apparel - PolyGard™**





# **Spunbonded Polypropylene**

- Economical solution
- Non-hazardous particulate protection
- Breathable material
- Soft and lightweight

### Applications:

- · Spray painting
- Sun dry applications





# **HEAVY WEIGHT**

# **COVERALL WITH ELASTIC WRISTS & ANKLES**

15145 Serged seams Collar Elastic wrists Elastic ankles Zipper front closure Sizes: L-5XL



# **COVERALL WITH HOOD & BOOTS**

15142 Serged seams Attached hood Attached boots Elastic wrists Zipper front closure Closure at chin Sizes: L-3XL Packaged: 25 pieces/case



# LIGHT WEIGHT

# **COVERALL WITH HOOD & BOOTS**

15122 Serged seams Attached hood Attached boots Elastic wrists Zipper front closure Closure at chin Sizes: S-6XL Packaged: 25 pieces/case



# **BLUE COVERALL WITH HOOD & BOOTS**

15122B Serged seams Attached hood Attached boots Elastic wrists Zipper front closure Closure at chin Sizes: L-4XL Packaged: 25 pieces/case



# **COVERALL WITH ELASTIC WRISTS & ANKLES**

15125 Serged seams Collar Elastic wrists Elastic ankles Zipper front closure Sizes: M-6XL Packaged: 25 pieces/case



# **COVERALL WITH HOOD**

15127 Serged seams Attached hood Elastic wrists Elastic ankles Zipper front closure Closure at chin Sizes: M-5XL Packaged: 25 pieces/case



# **Protective Apparel - PolyGard™**

# **MEDIUM WEIGHT**

# COVERALL WITH ELASTIC WRISTS & ANKLES

15135
Serged seams
Collar
Elastic wrists
Elastic ankles
Zipper front closure

Sizes: M-3XL Packaged: 25 pieces/case



# COVERALL WITH HOOD & BOOTS

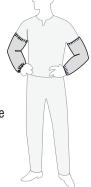
15132
Serged seams
Attached hood
Attached boots
Elastic wrists
Zipper front closure
Closure at chin
Sizes: L-3XL
Packaged: 25 pieces/case



### **SLEEVES**

15500 White 15500B Blue Serged seams Elastic top Elastic wrists 18" length

Packaged: 500 pieces/case



#### LAB COAT

15300 Serged seams Collar Elastic wrists Snap front closure Sizes: M-5XL

Packaged: 30 pieces/case



### LAB COAT WITH POCKETS

15301
Serged seams
Collar
Elastic wrists
3 pockets
Snap front closure
Sizes: M-3XL
Packaged: 30 pieces/case



### **BRIEFS**

15351 Serged seams Elastic waist Size: XL

Packaged: 100 pieces/case



# WHITE SHOE COVER

15420W Light weight Size: L 15440W Standard weight Non-skid tread Elastic top

Sizes: L-XL

Packaged: 100 pieces/ dispenser, 4 dispensers/case

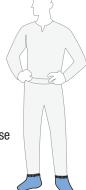


# **BLUE SHOE COVER**

15440 Standard weight Sizes: L-2XL 15420 Light weight Non-skid tread Elastic top

Sizes: L-XL

Packaged: 100 pieces/ dispenser, 4 dispensers/case



# **BEARD COVER**

15803 White 15803B Blue 15803R Red

Packaged: 1000 pieces/case

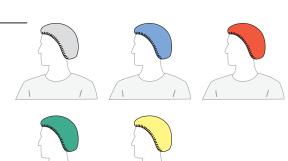


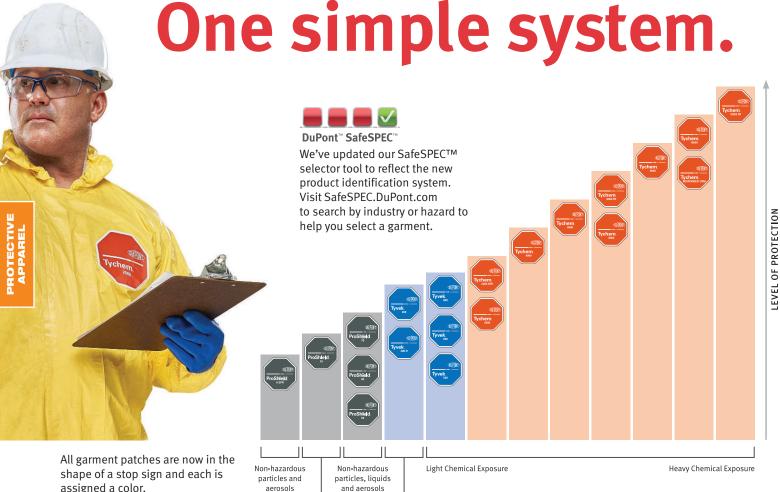
Also Available:

15803/5 500 pieces/case

# SPUNBONDED POLYPROPYLENE BOUFFANT

Color	Packaging	19"	21"	24"
White	500pcs/case 1000pcs/case	15819W	15821W 15821W/10	15824W 15824W/10
Blue	500pcs/case	15819B	15821B	15824B
Red	500pcs/case		15821R	15824R
Green	500pcs/case		15821G	15824G
Yellow	500pcs/case		15821Y	15824Y





Non-hazardous particles

Hazardous

particles Non-hazardous light liquid splash and

aerosols

assigned a color.



DuPont™ Tvchem® Orange



DuPont™ Tyvek® Blue



DuPont™ ProShield® 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.

# **New Packaging**

Non-hazardous

Flame resistance

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



Original	New		
Tychem Reflector® Reflector®	Tychem® 10000 FR	1	
Tychem® TK	Tychem® 10000		Heavy Chemical Exposure
Tychem Responder CSM	Tychem® RESPONDER® CSM		
Tychem® BR	Tychem® 9000		
Tychem ThermoPro	Tychem® 6000 FR		
Tychem Tychem F	Tychem® 6000		
Tychem® CPF 3	Tychem® 5000		
Tychem SL	Tychem® 4000		
new garment	Tychem® 2000 SFR	NOI	
Tychem® QC	Tychem® 2000	PROTECTION	
new garment	Tyvek® 800	OF	
Tyvek Plus	Tyvek° 600	LEVEL	
Tyvek Tyvek® Xpert	Tyvek° 500		Light Chemical Exposure
Tyvek Tyvek®	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, liquids and aerosols
new garment	ProShield® 50		
ProShield ProShield® Basic	ProShield® 10		Non-hazardous particles
Tempro DuPont™ Tempro®	ProShield® 6 SFR	_   _	Non-hazardous particles and aerosols Flame resistance

 ${f D} = {\sf Dual} \quad {f FR} = {\sf Flame \ Resistant} \quad {\sf SFR} = {\sf Secondary \ Flame \ Resistant}$ 



### **Product Part Numbers**

120

DuPont offers a wide

from hoods, aprons

and coveralls to fully

encapsulated suits.

a unique three-digit

Each garment style has

array of garment

Style

styles-

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

### DuPont™ Tvchem®

**RF** 10000 FR TK 10000

RC RESPONDER® CSM

**BR** 9000 **TP** 6000 FR **TF** 6000

**TYF** 6000 **C3** 5000

**SL** 4000

2000 SFR OC 2000

99 Accessories

DuPont™ Tyvek®

**TJ** 800 J DuPont™ ProShield® **TY** 600 P<sub>3</sub> 70

**TY** 500 NG 60 **TY** 400 **NB** 50 **TD** 400 D **PB** 10 FC 400 FC TM 6 SFR

#### **Seam Construction Color**

Abbreviations **S** Serged or Sewn **B** Bound

T Taped or Double Taped

# WH

Several DuPont fabrics are available in color options.

Abbreviations

**BU** Blue GY Gray 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

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.

#### Stock Items versus Make to Order

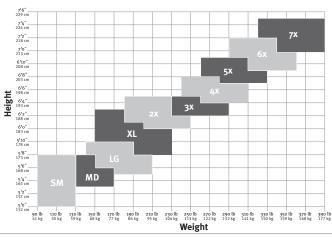
For ProShield® and Tyvek® garments, sizes Medium to 4X are identified as stock items. Sizes Small and 5X and above are identified as Make to Order, Certain accessory items are also identified as Make to Order.

Most garments in the Chemical/HazMat line (Tychem® 2000, Tychem® 4000, Tychem® 6000, Tychem® 9000, Tychem® RESPONDER® CSM and Tychem® 10000) are identified as Make to Order. A small grouping is identified as stock items, following the same size guidelines as indicated above.

Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

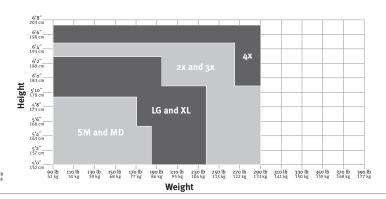
# Sizing Charts

## 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 DuPont™ Tychem® and DuPont™ Tyvek® to 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™ Tychem®** Chemical barrier fabrics specifically engineered for protection over a range of hazards.



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.

# DuPont™

# **Choosing a Garment**

#### 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.



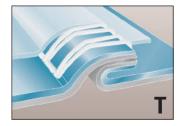
### Serged or Sewn\*

A seam produced when multiple threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam.



### Bound\*

Tightly sewn with a reinforced outer binding to increase seam strength and barrier. For potential misting exposure to 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 chemical- and 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 Visibility** 

**Low 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 DuPont™ Tychem® fabrics were based on extensive research. For example, the human eye is more sensitive to the lime yellow of Tychem® 10000 and the safety yellow color of Tychem® 9000 and Tychem® 2000 fabrics. 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® 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





**Standard** 

**Respirator Fit** 

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**





**Standard** 

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 and Tychem® 9000 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.

# **DuPont<sup>™</sup> ProShield<sup>®</sup> 10**

# Original Name: ProShield® Basic





PB127S

Comfort and quality at an affordable price

Spunbond-meltblown-spunbond (SMS) garments

Uses include general maintenance, janitorial/cleaning and other dirty work assignments

ProShield® 10 is available in blue or white, and gray in style 127

#### Coverall

PB120SWHXX002500



PB120SBUXX002500

serged seams collar front zipper closure storm flap MD-5X



# Coverall



PB125SWHXX002500



PB125SBUXX002500

serged seams collar front zipper closure storm flap elastic wrists elastic ankles MD-5X



#### Coverall



PB127SWHXX002500



PB127SBUXX002500



PB127SGYXX002500







# **DuPont<sup>™</sup> ProShield<sup>®</sup> 50**







NB127S

### Coverall



NB120SWHXX002500

serged seams front zipper closure SM-6X



# Coverall



NB122SWHXX002500

serged seams attached hood front zipper closure elastic wrists elastic ankles attached skid-resistant boot covers SM-6X



Provides a barrier against a range of non-hazardous aerosols, light liquid splash and dry particles

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

<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. See page 7 for photos.

Bound and sewn 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



NB125SWHXX002500

serged seams collar front zipper closure elastic wrists elastic ankles SM-6X



### Coverall



NB127SWHXX002500

serged seams attached hood (respirator fit)1 front zipper closure storm flap elastic wrists elastic ankles SM-6X



WARNING: ProShield® 50 should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of 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 front zipper closure SM-6X



#### Coverall



NG125SWHXX002500

serged seams collar front zipper closure elastic wrists elastic ankles SM-5X





Coverall



NG127SWHXX0025NP

serged seams attached hood (respirator fit)1 front zipper closure storm flap elastic wrists elastic ankles SM-7X



Coverall



NG122SWHXX002500

serged seams attached hood front 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

1 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. See page 7 for photos.

Bound and sewn 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** Original Name: DuPont® ProShield®3



# **Boot Cover**



P3452SGYXX010000

serged seams elastic opening 10" height ProShield® 70 fabric skid resistant one size fits most



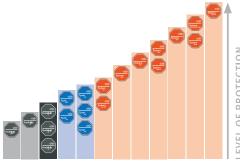
Skid-resistant material for shoe/boot covers to help prevent slipping

Provides non-hazardous liquid splash protection ProShield® 70 is gray

Bound and sewn 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.

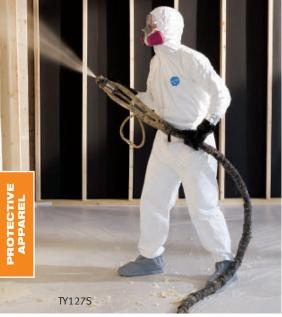
WARNING: ProShield® 70 should not be used around heat, flames, sparks or in potentially flammable or explosive



# **DuPont<sup>™</sup> Tyvek<sup>®</sup> 400**

**Original Name: Tyvek®** 





TY120SWHXX002500 MD-7X

TY120SWHXX0006G1 MD-4X

TY120SWHXX0025VP MD-7X

> TY120SWHXX0025NF MD-7X

**★NAFTA/TAA COMPLIANT** 

serged seams collar front zipper closure storm flap elastic waist comfort fit design



Coverall

MD-7X

MD-4X

MD-7X

MD-7X

serged seams

storm flap

elastic wrists

elastic ankles

comfort fit design

elastic waist

TY122SWHXX002500

TY122SWHXX0006G1

TY122SWHXX0025NF

TY122SWHXX0025VP

attached hood (respirator fit)1 front zipper closure



Coverall

An ideal balance of protection, durability and comfort Comfort fit design allows for a greater range of motion

Breathable inherent barrier protection against hazardous dry particles, aerosols and non-hazardous 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

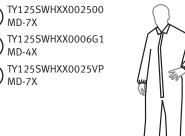
Tyvek® 400 is white

G1 = Reduced case quantity

NS = Non-skid material

NF = NAFTA/TAA compliant

VP = Vend packed



serged seams collar front zipper closure storm flap elastic wrists elastic ankles elastic waist comfort fit design



Coverall

TY127SWHXX002500 MD-7X

attached skid-resistant boots

TY127SWHXX0006G1 MD-4X

TY127SWHXX0025VP MD-7X

TY127SWHXX0025NF MD-7X

**★NAFTA/TAA COMPLIANT** 

serged seams attached hood (respirator fit)1 front zipper closure storm flap elastic wrists elastic ankles elastic waist comfort fit design



Coverall

TY121SWHXX0025NS

serged seams collar front zipper closure storm flap elastic wrists elastic ankles attached skid-resistant boots MD-7X



Coverall

TY151SWHXX002500

serged seams collar front snap closure XL-3X



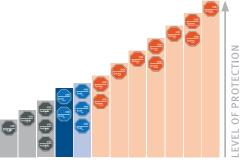
Only NF option codes are NAFTA/TAA compliant. <sup>1</sup> Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area

Standard hoods only extend to the neck. See page 7 for photos. Storm flaps: All standard bound and taped seam coveralls have a single storm flap with a pressure-sensitive tape closure. Serged seam coveralls do not have a storm flap.

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**Original Name: Tyvek<sup>®</sup>



#### Frock

TY210SWHXX003000

TY210SWHXX0030VP

MD-4X

serged seams collar front snap closure



### Frock

TY211SWHXX003000

serged seams collar front snap closure elastic wrists knee length SM-7X



### Frock

TY216SWHXX003000

collar front zipper closure storm flap with tape closure elastic wrists

elastic ankles



#### Shirt

TY303SWHXX005000

SM-7X

TY303SWHXX0012G1

MD-4X

TY303SWHXX0050VP

ノ MD-3X

serged seams collar

front snap closure long sleeve



#### Pants

TY350SWHXX005000

SM-7X

TY350SWHXX0012G1

✓ MD-3X

serged seams elastic waist



#### Apron

) TY273BWHXX010000

TY273BWHXX0100VP

bound seams bound neck & ties bib style 28" x 36" one size fits most



#### Labcoat

TY212SWHXX003000

**→** 3/41-7/A

TY212SWHXX0008G1 MD-4X

₩D-47

TY212SWHXX0030VP

✓ MD-4X

TY212SWHXX0030NF

✓ SM-7X

**★NAFTA/TAA COMPLIANT** 

serged seams collar front snap closure two pockets



#### Sleeve

TY500SWHXX020000

TY500SWHXX0200NF

**★**NAFTA/TAA COMPLIANT

serged seams elastic top elastic wrist 18" length one size fits most



## Hood

TY657SWHXX010000

serged seams pullover elastic face shoulder length one size fits most



# Shoe Cover

TY450SWHXX020000

Tyvek® fabric serged seams elastic opening 5" height one size fits most

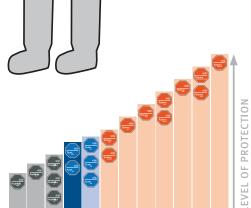


# Boot Cover—Tyvek® 400 FC



TY454SWHXX020000

Tyvek® FC fabric serged seams elastic opening 18" height skid resistant one size fits most

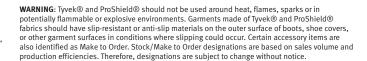


## Only NF option codes are NAFTA/TAA compliant.

Bound and sewn 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.



# **DuPont<sup>™</sup> Tyvek<sup>®</sup> 400D**Original Name: Tyvek<sup>®</sup> Dual







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™ Tyvek® 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® 400 fabric provides an ideal balance of protection, durability and comfort compared to any limiteduse fabric technology

Tyvek® 400 fabric's durability delivers a consistently better barrier, even after wear and abrasion

Tyvek® 400 is white

DuPont™ ProShield® 10 fabric on the back

 $\label{eq:proshield} \textbf{ProShield} \textbf{@ 10 fabric has been optimized for comfort,} \\ \textbf{softness and breathability}$ 

ProShield® 10 fabric is designed for nonhazardous dry particle and light liquid splash applications

 $\label{proshield norm} \mbox{ProShield \@0.05em} \mbox{ nade from a polypropylene spunbond-meltblownspunbond (SMS) fabric}$ 

ProShield® 10 is blue

Coverall

TD125SWBXX0025CM

serged seams collar front zipper closure storm flap thumb loops elastic wrists elastic ankles elastic waist MD-4X



Coverall

( )TD127SWBXX0025CM

serged seams attached hood (respirator fit)<sup>1</sup> front zipper closure storm flap thumb loops elastic wrists elastic ankles elastic waist MD-4X



Pants

TD350SWBXX0025CM

serged seams elastic waist MD-5X



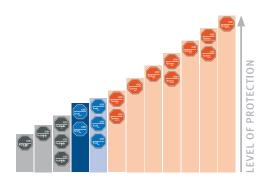
Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 7 for photos.

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**Original Name: Tyvek<sup>®</sup> Xpert



#### Coverall

TY198SV

TY198SWHXX002500

external serged seam attached hood storm flap elastic wrists elastic ankles CE certified Category III Type 5-B and 6-B SM-7X



Tyvek® 500 garments are composed of flashspun high-density polyethylene, which creates a unique, nonwoven material available only from DuPont

Suitable for applications such as pharmaceutical handling, chemical processing, automatic spray painting,

maintenance and many others Chemical protective clothing, Category III Type 5-B and 6-B

Tyvek® 500 is white



# **DuPont<sup>™</sup> Tyvek<sup>®</sup> 600**Original Name: Tyvek<sup>®</sup> Plus



### Coverall

TY198TWHXX0025PI

taped seam attached hood (respirator fit)<sup>1</sup> storm flap elastic wrists elastic ankles CE certified Category III Type 4-B, 5-B and 6-B 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

PI = Packaged individually



# **DuPont<sup>™</sup> Tyvek<sup>®</sup> 800 J**

Original Name: new garment



# Coverall

( ) TJ198

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-3X



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

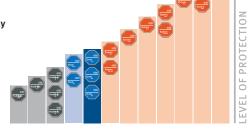
PI = Packaged individually

<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. See page 7 for photos.

Bound and sewn 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.





TJ198T

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.

# DuPont<sup>™</sup> Tychem<sup>®</sup> 2000

Original Name: Tychem® QC





#### Coverall

QC120SYLXX001200

serged seams collar front zipper closure SM-7X



#### Coverall

QC125BYLXX001200 Bound seams, MD-6X

QC125TYLXX000400 Taped seams, MD-7X

collar front zipper closure storm flap with tape closure elastic wrists elastic ankles



#### Coverall



QC120BYLXX001200

bound seams collar front zipper closure storm flap with tape closure MD-7X



#### 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





QC125SYLXX001200

serged seams collar front zipper closure storm flap elastic wrists elastic ankles MD-7X



#### Coverall



QC122BYLXX001200 Bound seams

QC122BYLXX0012BN

Bound seams

★BERRY AMENDMENT

QC122TYLXX000400 Taped seams

attached hood front zipper closure storm flap with tape closure elastic wrists attached socks<sup>1</sup> MD-6X



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.

- ¹These Tychem® 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. See page 7 for photos.

**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.

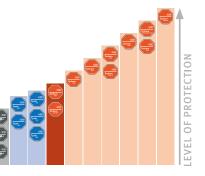
#### Coverall



QC127SYLXX001200

serged seams attached hood front zipper closure elastic wrists elastic ankles MD-7X





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: Tychem® SL** 



#### Coverall

SL120BWHXX001200 Bound seams, SM-6X SL120TWHXX000400 Taped seams, MD-4X

collar front zipper closure storm flap with tape closure



#### Coverall

SL122BWHXX001200 Bound seams, MD-7X SL122TWHXX000600 Taped seams, MD-6X

attached hood front zipper closure storm flap with tape closure elastic wrists attached socks<sup>1</sup>



#### Coverall

SL125BWHXX001200 Bound seams, SM-6X SL125TWHXX000600 Taped seams, MD-5X

collar front zipper closure storm flap with tape closure elastic wrists elastic ankles



#### Coverall

SL127BWHXX001200 Bound seams

SL127TWHXX000600 Taped seams

attached hood front zipper closure storm flap with tape closure elastic wrists elastic ankles MD-7X





#### Coverall

SL121BWHXX001200 Bound seams, MD-6X SL121TWHXX000400 Taped seams, MD-5X

collar front zipper closure storm flap with tape closure elastic wrists attached socks<sup>1</sup>



### Coverall

SL128TWHXX000600

taped seams attached hood (respirator fit)<sup>2</sup> front zipper closure storm flap with tape closure elastic wrists attached socks<sup>1</sup> outer boot flaps with elastic SM-5X



Effective protection against a range of chemicals

Uses include waste management, hazardous response and nuclear environments

Tychem® 4000 is Saranex™ 23-P 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

Meets ASTM F1670 and ASTM F1671 tests, offering bloodborne pathogen protection

### Coverall

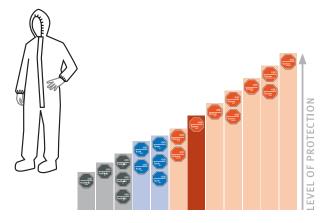
SL122BWHXX0012BN Bound seams

**★**BERRY AMENDMENT COMPLIANT

SL122TWHXX0006BN Taped seams

**★**BERRY AMENDMENT COMPLIANT

attached hood front zipper closure storm flap with tape closure elastic wrists attached socks<sup>1</sup> MD-7X



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#### 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 needs.

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. See page 7 for photos.

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

# **DuPont<sup>™</sup> Tychem<sup>®</sup> 5000** Original Name: Tychem® CPF 3





Coverall

C3122TTNXX0006BN SM-5X

**★BERRY AMENDMENT** COMPLIANT

C3122TTNXX000600 SM-7X

taped seams attached hood front zipper closure storm flap with tape closure elastic wrists attached socks1



#### Coverall

C3127TTNXX000600

taped seams attached hood front zipper closure storm flap with tape closure elastic wrists elastic ankles SM-7X



### Combo Suit (Jacket and Bib Overall)



C3750TTNXX000600

#### **JACKET**

taped seams mandarin collar iam fit cuff front zipper closure double storm flaps

# **BIB OVERALL**

taped seams adjustable webbing straps with closure SM-4X



### **Encapsulated Level B**



C3525TTNXX000600

front entry taped seams standard faceshield (20 mil PVC) zipper closure double storm flaps with hook-and-loop closure one exhaust vent flat back elastic wrists elastic ankles air access left side SM-4X



# 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

Tychem® 5000 198T/199T are certified to NFPA 1992

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.

<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. See page 7 for photos.

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.

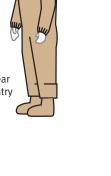
### **Encapsulated Level B**



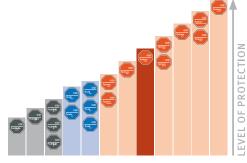
C3526TTNXX000600

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 SM-4X





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> 6000 FR**

# Original Name: Tychem® ThermoPro



### Coverall -Certified to NFPA 1992 and NFPA 2112 and Meets NFPA 70E Category 2











taned seams attached hood with drawstring (respirator fit)2 front zipper closure double storm flaps with hook-and-loop closure elastic wrists hemmed ankles SM-5X

### Coverall-Certified to NFPA 1992 and NFPA 2112 and Meets NFPA 70E Category 2









taped seams attached hood with drawstring (respirator fit) 2 front zipper closure double storm flaps with hook-and-loop closure elastic wrists attached socks1 outer boot flaps SM-5X





## **Sleeved Apron**



TP275TGYXX000200



TP275TORXX000200

taped seams two buckle closure system 45" long SM-4X



# **Backless Coverall**



TP800TORXX000200

open back coverall buckle closure around waist snap closure around neck LG-5X





Combo Suit (Jacket and Bib Overall)



TP750TORXX000200

# JACKET

taped seams mandarin collar elastic wrists front zipper closure double storm flaps w/ hook and loop closure and elastic at waist (jacket)



taped seams adjustable webbing straps with buckle closure SM-4X





TP284TGYXX000400

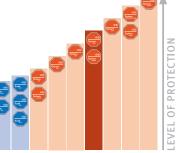


TP284TORXX000400

taped seams sleeveless apron buckle closure system waist strap SM-4X









ibility and gray for discretionary purposes

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 Ebt Tychem® 6000 FR is available in orange for high vis-

Provides triple hazard protection from chemicals, flash fire and electric arc, combining the trusted chemical protection of DuPont™ Tychem® with the flame and

arc flash protection of DuPont™ Nomex® into a single

Tychem® 6000 FR 198T/199T meet the requirements of NFPA 1992 Standard on Liquid-Splash Protective Ensembles and Clothing for Hazardous Materials Emer-

gencies and NFPA 2112, Standard on Flame-Resistant

Garments for Protection of Industrial Personnel Against

Tychem® 6000 FR 198T/199T exceed the Hazard Risk Category 2 requirement of 8 cal/cm2 outlined in NFPA 70E, Standard for Electrical Safety in the Workplace Constructed for heavy use, yet lightweight and easy to

TP198T

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® 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 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. See page 7 for photos.

Seams and closures have less barrier than fabric

Note: Not all sizes available in all styles.

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> 9000

# Original Name: Tychem® BR





Broad protection for hazardous material handlers

Uses include chemical handling and etrochemical manufacturing

Multi-layer composite barrier laminated to a strong, nonwoven substrate

Tear-, puncture- and abrasion-resistant for lasting, consistent protection

Tychem® 9000 provides at least 30 minutes of protection against  $\cdots$  280 chemical challenges

Tychem® 9000 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 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® 9000 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. See page 7 for photos.

Storm flaps: All taped seam coveralls have a single storm flap with a pressure-sensitive tape closure

Seams and closures have less barrier than fabric.

Note: Not all sizes available in all styles.

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.

#### **Encapsulated Level A**



BR557TYLXX00017R

rear entry taped seams EX (extra wide) three-layer faceshield (PVC 40 mil / Teflon™ 5 mil / PVC 20 mil) gas-tight PVC zipper closure double storm flaps with hook-and-loop closure two exhaust valves flat back internal adjustment belt attached internal multi-laver laminate gloves attached butyl gloves attached socks1 outer boot flaps with elastic XL-4X



#### Coverall



BR127TYLXX000200 SM-6X



BR127TYLXX0002BN SM-5X

**★**BERRY AMENDMENT COMPLIANT

taped seams attached hood (respirator fit)<sup>2</sup> front zipper closure double storm flaps with tape closure elastic wrists elastic ankles



#### Hood



BR651TYLXX000200

taped seams standard faceshield (20 mil PVC) pullover hook-and-loop waist closure one size fits most



# **Encapsulated Level A**



BR528TLXX000100

rear entry
taped seams
standard faceshield
(20 mil PVC)
zipper closure
double storm flaps
with hook-and-loop closure
two exhaust vents
expanded back
elastic wrists
attached socks¹
outer boot flaps with elastic
MD-4X



#### Coverall



BR125TYLXX000200

taped seams collar front zipper closure double storm flaps with tape closure elastic wrists elastic ankles SM-5X



#### Coverall



BR128TYLXX000200 SM-7X

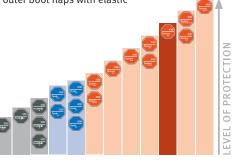


BR128TYLXX0002BN SM-5X



taped seams attached hood (respirator fit)<sup>2</sup> front zipper closure double storm flaps with tape closure elastic wrists attached socks<sup>1</sup> outer boot flaps with elastic





# Combo Suit (Jacket and Bib Overall)

BR753TYLXX00060



JACKET taped seams

mandarin collar jam cuff front zipper closure double storm flaps

### **BIB OVERALL**

taped seams adjustable webbing straps with closure packaged individually SM-4X



130

# **DuPont<sup>™</sup> Tychem<sup>®</sup> 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

Tychem® 10000 is high-visibility lime yellow

All Tychem® 10000 encapsulated suits are NAFTA/TAA compliant

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.

1 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

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.

#### **Encapsulated Level A**

TK554TLYXX000100 MD-4X



TK554TLYXX00015C MD-4X



TK554TLYXX00017S call for sizing

front entry

double taped seams EX (extra wide) three-layer faceshield (PVC 40 mil/Teflon™

5 mil/PVC 20 mil)

gas-tight PVC zipper closure

double storm flaps with hook-and-loop closure

two exhaust valves expanded back

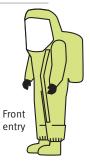
internal adjustment belt

attached internal multi-layer laminate gloves attached outer butyl or Viton™ gloves

knee wear pads attached socks1

outer boot flaps with elastic







# **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

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.

1 These 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

Seams and closures have less barrier than fabric.

**Fully Encapsulated Level A** Tychem® 10000 FR - Certified to NFPA 1991



RF600TSVXX000100



RF600TSVXX00017M



RF600TSVXX00017N

front entry Front triple taped seams entry three-layer faceshield (PVC 40 mil/Teflon™ 5 mil/PVC 20 mil) gas-tight zipper closure double storm flaps with hook-and-loop closure

two Pirelli® exhaust valves expanded back

glove liners

multi-layer attached gloves (multi-layer laminate/neoprene/

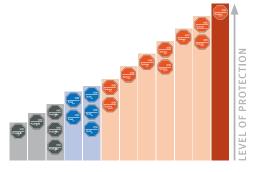
Kevlar® knit) attached socks1 outer boot flaps SM-4X

**★NAFTA/TAA** compliant

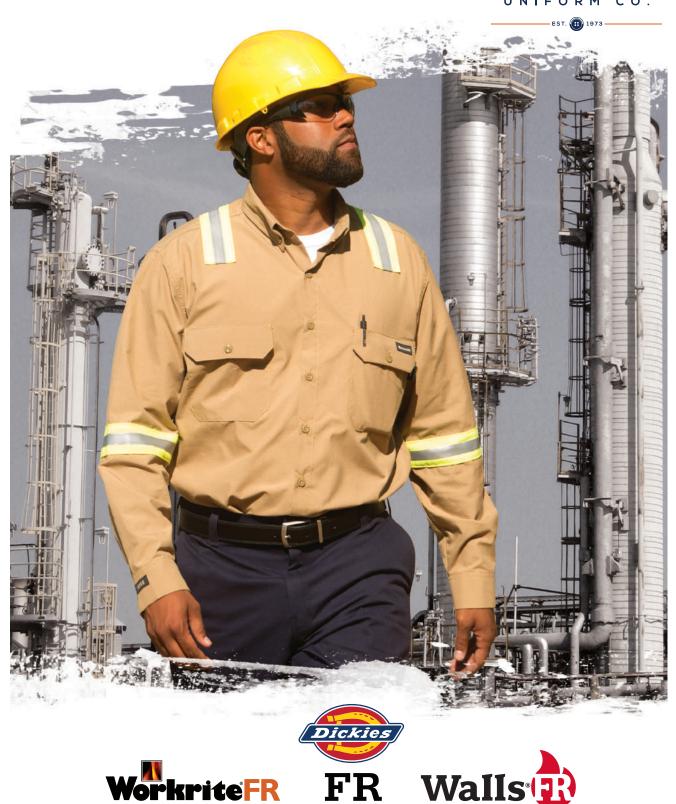
WARNING: 1) Suits do not provide thermal skin protection for direct contact with hot solids or liquids. They do not provide protection from continuous radiant heat sources such as furnaces or smelters. Tychem® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. 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











Workrite® Uniform Company stands alone in having spent the last 40-plus years working of trusted experience in flame-resistant (FR) clothing, backed by strong partnerships with top fabric manufacturers. We have a dedicated North American sales force and experienced customer service team to meet all your FR needs. Williamson-Dickie Manufacturing Company is the number-one global workwear brand, and as an affiliate, Workrite® Uniform remains a leader in FR workwear worldwide. Today, Workrite® Uniform offers three top-quality FR brands—Workrite® FR, Dickies FR and Walls FR.

# **Workrite<sup>®</sup> FR**

Specify garment size

#### **APPAREL SIZES**

Workrite Uniform takes great pride not only in the superb quality of our garments, but in the wide range of sizes we offer. Please refer to the following information to help you select the correct sizes. Sizes outside of the stock size range as well as custom garments are available, subject to surcharges. If you have any questions, please visit workritefr.com.

### CHEST:

Measurement should be taken around the fullest part of the chest with arms down, just under the arms and across the shoulder blades.

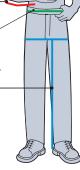
#### **SLEEVE:**

With elbow bent, measure from center of neck (back side) to elbow and over to wrist

### **WAIST:**

Measure around waist (not pulling tightly) at the height you prefer to wear the waistband.

Take a pair of pants that fit you well and measure from the crotch to the bottom of the leg.



Weight (oz/ yd²) 4.5

5.3

5.5

6

6.1

6.4

45

53

55

60

61

64

65 67 70

75 80

85 90

#### **WORKRITE UNIFORM STYLE NUMBERS**

It's easy to determine a Workrite Uniform style number for ordering or information purposes. Each style number consists of a garment style code, fabric type, fabric weight and color.

For example, the style number for a Navy 4.5-ounce Industrial Coverall made of Nomex® IIIA is...

#### WEIGHT CODE

GARMENT COLOR STYLE CODE - 110-NX-45-NB -

#### FABRIC CODE

		Co	olor Codes		
BK	Black	KH	Khaki	RB	Royal Blue
BR	Brown	LB	Light Blue	RD	Red
CB	Cool Blue	MB	Medium Blue	SD	Soft Denim
CG	Charcoal Gray	MG	Medium Gray	SG	Silver Gray
DN	Denim	MN	Midnight Navy	SP	Spruce
FY	Hi-Vis Yellow	NA	Natural	VG	Visual Green
GR	Gray	NB	Navy Blue	YL	Yellow
HG	Heather Gray	OR	Orange		

Fabric Code	s
GlenGuard®	GG
Indigo™ Denim	ID
UltraSoft®	UT
UltraSoft AC®	UC
Nomex® IIIA	NX
Nomex®/Kevlar®	KB
Nomex® MHP	МН
Protera®	PO
Tecasafe® Plus Knit	TK
TechT4 <sup>™</sup>	T4

			6.5
			6.7
Fo	abric Co	des	7
			7.5
GlenG	uard®	GG	8
ndigo	™ Denim	ID	
JltraS		UT	8.5
		_	9
JltraS	oft AC®	UC	9.5
Nome	x® IIIA	NX	
	x®/Kevlar®	KB	- 11
			12
Nome	x® MHP	MH	14
Proter	a®	PO	14
Tecasa	afe® Plus Ki	nit TK	

### **COVERALLS**

Important! Order coveralls based on your chest size and height. For a roomy fit, please order coveralls two sizes (4 inches) larger than your chest measurement.

# **Stock Chest Sizes**

Even sizes from 38 to 58 or Small to 3XL

Your Height	Garment Length
5'5" to 5'7"	SHORT
5'8" to 5'11"	REGULAR
6'0" to 6'3"	LONG

### Specify chest size and garment length

#### **SHIRTS**

Important! Order shirts based on your chest size and sleeve length. For a roomy fit, please order shirts one size (2 inches) larger than your chest measurement.

Stock Chest Sizes		Sleeve Lengths			
		Short	Regular	Long	
	36	30	32	34	
S	38	30.5	32.5	34.5	
	40	31	33	35	
М	42	31.5	33.5	35.5	
	44	32	34	36	
L	46	33	35	37	
	48	33.5	35.5	37.5	
XL	50	34	36	38	
	52	35	37	39	
2XL	54	36	38	40	
	56	37	39	41	
3XL	58	38	40	42	

#### **OUTERWEAR AND BIB OVERALLS**

Important! Order the garment size that corresponds with your measured chest size.

Stock Chest Sizes	Garment Sizes
34 to 36	SMALL
38 to 40	MEDIUM
42 to 44	LARGE
46 to 48	X-LARGE
50 to 52	XX-LARGE

#### PANTS

**Important!** Order pants based on your waist measurement.

Stock Waist Sizes	Inseam
28 29 30 31 32 33 34	Up to 34"
35 36 38 40 42 44 46 48 50	Up to 36"

Specify waist size and inseam length

	Size Codes		
Α		S, M, L, XL, 2XL*	
В	Regular	S, M, L, XL, 2XL*, 3XL*	
С		L, XL, 2XL*	
D	Regular	38-50, 52*-54*	
D	Long	38-50, 52*-54*	
	Short	38-50, 52*-58*	
E	Regular	38-50, 52*-58*	
	Long	38-50, 52*-58*	
F	Waist	S, M, L, XL, 2XL*, 3XL*	
Г	Inseam	30", 32", 34", 36"	
н	Regular	38-50, 52*-56*	
П	Long	38-50, 52*-56*	
J	Regular	38-50, 52*-58*	
J	Long	38-50, 52*-58*	
K	Regular	S, M, L, XL, 2XL*	
, n	Long	S, M, L, XL, 2XL*	
L	Regular	S, M, L, XL, 2XL*, 3XL*	
	Long	S, M, L, XL, 2XL*, 3XL*	
М	Regular	S, M, L, XL, 2XL*, 3XL*	
IVI	Long	S, M, L, XL, 2XL*	
N	Average	S, M, L, XL, 2XL*	
IN	Tall	S, M, L, XL, 2XL*	
	Waist 28-34	Inseam to 34"	
Р	Waist 35-42	Inseam to 36"	
	Waist 44*-50* *No odd waist sizes after 35"	Inseam to 36"	
Q	Waist	S, M, L, XL, 2XL*	
Q	Inseam	to 36"	
R	Sizes 4-20	Inseam to 34"	
n	Sizes 22"-24"	Inseam to 34"	
S		One size fits all	
Т	Regular	38-50, 52*-58*	
'	Long	40-50, 52*-58*	
U	Regular	40-50, 52*-58*	
U	Long	40-50, 52*-58*	
V	Regular	40-50, 52*-58*	
V	Long	40-50, 52*-58*	

<sup>\*</sup>Size subject to surcharge

# Workrite® FR

# Flame-resistant (FR) workwear — protection that fits

Workrite® Uniform Company are an expert FR supplier. Standing alone for over 40-plus years working solely in FR to ensure their products hold up to the highest standards.





### INDUSTRIAL COVERALL

- Action back for ease of movement
- Pass-through access to inner clothing
- Two-way solid brass breakaway zipper
- Adjustable snap wrist closures
- Roomy leg cut to fit over boots
- Double-stitched outer and seat seams for enhanced durability
- Elastic waistband for a superior fit
- Pockets include two extra-deep front inset pockets, two rear patch pockets (one with a snap closure), two large double-stitched chest pockets (one with a snap flap closure) and a reinforced tool pocket (right leg)

110NX-45 Nomex® IIIA / 4.5 oz Colors: Navy, Royal Size Code: E	11 2112 § 1 4.4  DuPont* Nomex.	112NX-45 Nomex® IIIA / 4.5 oz Colors: Khaki, Orange, Red Size Code: L	•	DuPont" Nomex.
110NX-60 Nomex® IIIA / 6 oz Colors: Navy, Royal, Spruce Size Code: E	11 212 ₹ 1 ₹ 6.0  DuPont* Nomex.	112NX-60 Nomex® IIIA / 6 oz Colors: Khaki, Orange, Red Size Code: L	•	DuPont* Nomex.
UL certified to NFPA 2112	Suitable for indust.	rial laundering		

## UTILITY SHIRT

- Two-piece, banded, button-down collar
- Button front fully finished placket
- Double needle stitched yolk
- Fully finished cuffs with adjustable button closures
- Generously cut with dropped shoulders for a more comfortable fit
- Autoclaved with Workrite Uniform's PerfectPress® process for permanent creases (Nomex only)

Westex

UltraSoft®

• Two large chest pockets with flaps and button closures



Size Code: K

288UC-70 1 2 5 2 ₹ 8.3 UltraSoft® AC / 7 oz Westex Colors: Khaki, Medium Blue, Navy UltraSoft AC

290NX-45

Nomex® IIIA / 4.5 oz Colors: Khaki, Light Blue, Navy, Red, Royal Size Code: D\*

\*Sizes vary by color. Please call for details.

290NX-60

Nomex® IIIA / 6 oz Colors: Khaki, Navy Size Code: D



11 2112 5 1 \$ 4.4

Nomex.



# STONEWASH JEAN

- Relaxed fit
- Double-felled inner and seat seams
- Stone washed for stylish look and comfort
- Enhanced back pocket embroidery design
- Fully finished waistband
- Pockets include two front pockets, enhanced coin and back pockets
- Pending NFPA 2112 UL certification

448ID-12 Indigo™ Denim / 12.5 oz Colors: Denim Size Code: P



# Workrite® FR

Proud supporter of

National Breast Cancer Foundation, Inc.®

# Women's flame-resistant (FR) workwear — protection that fits

New features keep women's trends in mind, offering a more comfortable and tailored fit for women in industrial professions. Our classic Workrite FR industrial garments now include shirts with vertical darts in the front and contoured seams in the back. Pants feature a lower rise and a more tailored fit through the waist, seat and thighs.



# STRETCH JEAN

- New, lower-rise, contoured waistband
- Stretch fabric for comfort
- Prewashed
- Pending UL certification to NFPA 2112
- Double-felled stitching on inner and seat seams for durability
- Solid brass nail button and zipper closure
- Bartacks at stress points for durability
- Pockets include two front inset pockets, a coin pocket and two enhanced back pockets with embroidery design

#### 449ID-12DN

Westex® Indigo/12.5 oz Color: Denim Size Code: R



# **UTILITY SHIRT**

- New tapered fit with vertical and horizontal darts
- Autoclaved with Workrite Uniform's PerfectPress® Process for permanent creases (Nomex only)
- Two-piece banded button down collar
- Double needle stitched yolk
- Button front fully finished placket
- Two double-stitched chest pockets with flaps and button closures
- Fully finished cuffs with adjustable button closures

#### 291NX-45

Nomex® IIIA / 4.5 oz Colors: Khaki, Navy Size Code: A

## 291UT-70

Ultrasoft® / 7 oz Colors: Khaki, Medium Blue, Navy Size Code: A



UltraSoft®

11 2112 5 1 \$ 4.4











291UC-70

Ultrasoft AC® / 7 oz

• Pleated elastic waist band for a superior fit

- Action back for ease of movement
- Pass-through access to inner clothing
- Solid brass breakaway zipper
- Adjustable snap wrist closures
- Pockets include two front inset pockets, two rear patch pockets, two double-stitched chest pockets (one with a snap front closure) and a tool pocket (right leg)

#### 111NX-45

Nomex® IIIA / 4.5 oz. Colors: Navy, Royal Size Code: N



119UT-70 Ultrasoft® / 7 oz. Colors: Navy Size Code: N



Nomex® IIIA / 6 oz. Colors: Navy, Royal Size Code: N

111NX-60







Nomex.



# SIZE INFORMATION

### APPAREL SIZES

Workrite Uniform Company takes great pride not only in the superb quality of our garments, but also in the wide range of sizes.

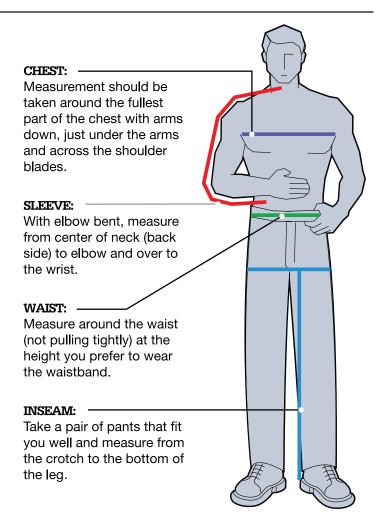
Please refer to the following information to help you select the correct sizes.

Sizes outside of the stock size range and custom garments are available, subject to surcharges. If you have any questions, please visit dickiesfr.com.

# SIZE CODES

A	Short	M, L, XL
	Regular	S, M, L, XL, 2XL*, 3XL*, 4XL*, 5XL*
	Long	M, L, XL, 2XL*, 3XL*, 4XL*
В	Regular	S, M, L, XL, 2XL*, 3XL*
	Long	S, M, L, XL, 2XL*, 3XL*
C	Waist	30-34 (even only), inseam to 34"
		36-42 (even only), inseam to 36"
		44*-46* (even only), inseam to 36"
D	Waist	28-34, inseam up to 34"
		35-42, inseam up to 36"
		44*-50* (even only), inseam to 36"
		No odd waist sizes after 35"
E	Waist	30-34 (even only), inseam up to 34"
		36-42 (even only), inseam up to 36"
		44*, inseam to 36"

<sup>\*</sup> Size subject to surcharge



# DICKIES FR STYLE NUMBERS

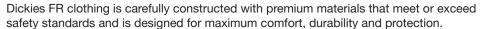
It's easy to determine a Dickies<sup>®</sup> FR style number for ordering or information purposes. Each style number consists of a garment style code, fabric type, fabric weight and color. For example, the style number for a Navy 6.5-ounce Knit T-shirt made of UltraSoft<sup>®</sup> knit is...



# **Dickies FR**

### PROTECTION, COMFORT, DURABILITY, VALUE.

Protection and peace of mind — you should expect nothing less from the number-one brand in workwear. Dickies FR has had an unwavering commitment to and proud heritage of providing innovative, tough, quality clothing.







### **HI-VIS VEST**

- Meets ANSI/ISEA 107-2015 Class 2, Type R requirements
- · Industrial laundry friendly
- 2-inch segmented 3M™ Scotchlite™ Reflective Material on suspender front, back and around the waist
- Snap front closure with YKK high-temperature snaps

349UT70 Fabric: 7 oz UltraSoft® Color: Hi-Vis Yellow Size Code: F











2112 UL certified to NFPA 2112



# CONTEMPORARY FIVE-POCKET JEAN

- · Relaxed fit
- Two front inset pockets with coin pocket on right side
- Two back tapered pockets with design
- Extra-durable double-stitched inner and back seams
- · Bartacks at stress points for added strength

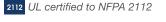
### WRD910

Fabric: 14.75 oz Denim 100% FR cotton

Color: Stonewashed Denim

Sizes: 28-34, Inseam up to 34" 35-42, Inseam up to 36"

44\*-46\* (even only), Inseam to 36" No odd waist sizes after 35" \*Size subject to surcharge









# BASE LAYER LONG SLEEVE T-SHIRT

- · Slim fitting
- Long sleeve with hemmed cuff
- Ribbed collar
- Side inset for athletic look

#### 241T450

Fabric: 5.0 oz Tencate TechT4™

Color: Khaki

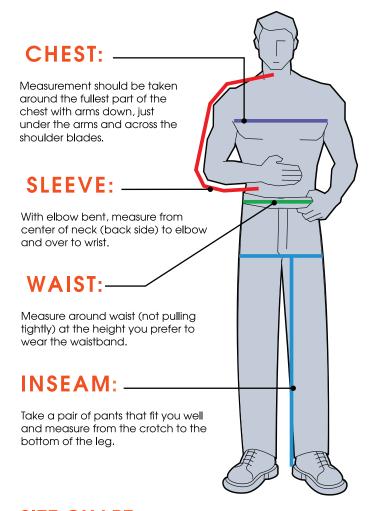
Sizes: S, M, L, XL, 2XL\* \*Size subject to surcharge



# **APPAREL SIZES**

Workrite Uniform takes great pride not only in the superb quality of our garments, but also in the wide range of sizes. Please refer to the following information to help you select the correct sizes.

Sizes outside of the stock size range as well as custom garments are available, subject to surcharges.



# SIZE CODES

Α	Regular Tall	S, M, L, XL, 2X, 3X*, 4X*, 5X* S, M, L, XL, 2X, 3X*, 4X*, 5X*				
В	Regular Tall	34–52, 54*–66* 38–52, 54*–66*				
С	Regular Tall	S, M, L, XL, 2X, 3X*, 4X*, 5X* M, L, XL, 2X, 3X*, 4X*, 5X*				
D	Regular Tall	S, M, L, XL, 2X, 3X*, 4X*, 5X* L, XL, 2X, 3X*, 4X*				
E	Regular	S, M, L, XL, 2X, 3X*, 4X*, 5X*				
F	Unhemmed Hemmed	30-44, 46*-60*				
	Waist 30–44 Waist 46*–50*	Inseam 30", 32", 34", 36" Inseam 30", 32", 34"				
	Waist 52*-60*	Inseam 30", 32"				
G	Unhemmed Hemmed	30-44, 46*-54*				
	Waist 30–44	Inseam 30", 32", 34"				
	Waist 46*–50* Waist 52*–54*	Inseam 30", 32", 34" Inseam 30", 32"				
Н	Unhemmed	30-44, 46*-60*				
П	Hemmed	30-44, 40 -00				
	Waist 32–40	Inseam 30", 32", 34"				
	Waist 42–44	Inseam 30", 32"				
I	Regular Tall	M, L, XL, 2X, 3X*, 4X*, 5X* M, L, XL, 2X, 3X*, 4X*, 5X*				
J		One size fits all				
<u></u>	Regular	One size fits all S, M, L, XL, 2X, 3X*				

<sup>\*</sup> Size subject to surcharge

# **SIZE CHART**

SIZE CONVERSION	SIZE	S	М	L	XL	2X	3X	4X	5X
	WAIST	30-32	34-36	38-40	42-44	46-48	50-52	54-56	58-60
	CHEST	34-36	38-40	42-44	46-48	50-52	54-56	58-60	62-64
	NECK	14-14.5	15-15.5	16-16.5	17-17.5	18-18.5	19-19.5	20-20.5	21-21.5
INSEAM	SIZE	SHORT	REGULAR	TALL	HEIGHT	SIZE	SHORT	REGULAR	TALL
	INSEAM	28″	30″	32″	堂	HEIGHT	5.4″-5.7″	5.8″-6.0″	6.1″-6.5″

# INNOVATION

Each Walls FR garment is engineered for comfort and durability to act as a seamless extension of the working body in motion. They are proud to know their FR coveralls are often considered to be the "benchmark" for FR garment comparison.



Walls FR



# **VENTED COVERALL**

- + Banded waist with elastic inserts
- + Vented back with a concealed mesh panel
- + Two-way front zipper with snap-over fly
- + Pockets include a ruler pocket (right leg), side-entry swing pockets and hip pockets (left has a concealed snap closure)

### 62502

100% cotton FR twill 7 oz Colors: Gray, Khaki, Navy Size Code: A









UL certified to NFPA 2112

# STONEWASHED FIVE-POCKET JEAN

2112 \( \frac{1}{2} \) \( \frac{1} \) \( \frac{1} \) \( \frac{1}{2} \) \( \frac{1}{2}

- + Relaxed fit with bartacks at stress points for added strength
- + Zip fly
- + Traditional five-pocket jean style, including a coin pocket

# 55395 (Hemmed) 55U395 (Unhemmed)

100% cotton FR denim 14 oz

Color: Denim Size Code: F



UL certified to NFPA 2112







# **NEW HOODED ZIP FRONT SWEATSHIRT**

- + Three-piece hood with a drawstring
- + Two-piece sleeves and one-piece back
- + Concealed zip front closure with interior and exterior flaps
- + Ribbed-knit cuffs and waistband
- + Two lower front patch pockets

# 37073

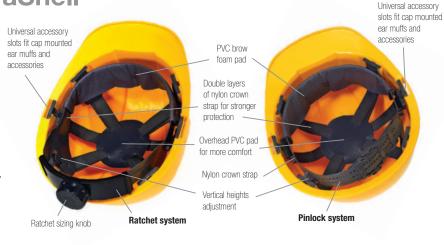
60% Modacrylic / 38% Cotton / 2% Antistatic 10 oz

Color: Navy Size Code: L





# **DuraShell**<sup>™</sup> **Head Protection**





# **Foot Protection**



# REPLACEMENT SUSPENSION

RS1406 6-Point Ratchet Suspension

#### PS1406

4-Point Pinlock Suspension

Hard Hat Full Brim Style

6-Point Ratchet Suspension

6-Point Pinlock Suspension









Hard Hat Full Brim Style 6-Point Pinlock Suspension

RS1404

4-Point Ratchet Suspension

#### PS1404

4-Point Pinlock Suspension



6-Point Pinlock Suspension



6-Point Ratchet Suspension



Bump Cap Style 4-Point Pinlock Suspension



Chin Stran



#### 1404

- Shell constructed from high density polyethylene
- · Low profile design with pillow brow pad and top ribbon pad for comfort
- DuraShell<sup>™</sup> 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- and 6-point suspensions
- Complies with ANSI Z89.1-2014, Type 1, Class C, G, E







1404R/W 4-Point Ratchet 1406R/W 6-Point Ratchet



1404P/Y 4-Point Pinlock 1406P/Y

6-Point Pinlock 1404R/Y 4-Point Ratchet 1406R/Y

6-Point Ratchet



4 Point Pinlock 1406P/R

6-Point Pinlock

1404R/R 4-Point Ratchet





1404P/B 4-Point Pinlock

1406P/B 6-Point Pinlock 1404R/B

4-Point Ratchet 1406R/B 6-Point Ratchet



1404P/HG 4-Point Pinlock

1406P/HG

1404R/HG

1406R/HG

6-Point Pinlock

4-Point Ratchet

6-Point Ratchet





Hi-Viz

1404P/H0 4-Point Pinlock

1406P/H0 6-Point Pinlock

1404R/H0 4-Point Ratchet

1406R/H0 6-Point Ratchet

# Head Protection | DuraShell™

# ABS Vented Cap Style



#### 1436R/BK

- Shell constructed from ABS material a strong and light weight material
- Low profile design with pillow brow pad and top ribbon pad for comfort
- DuraShell<sup>™</sup> 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 suspension
- Complies with ANSI Z89.1-2014, Type 1, Class C





# 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 suspension



# Head Protection | DuraShell™



# Full Brim Style

## 1416

- Shell constructed from high density polyethylene
- Low profile design with pillow brow pad and top ribbon pad for comfort
- DuraShell<sup>™</sup> suspension is designed for easier adjustments by the wearer
- Full brim style available in 6-point suspensions with snap lock
- Available in ratchet and pinlock styles
- Complies with ANSI Z89.1-2014, Type 1, Class C, G, E



1416R/W 6-Point Ratchet 1416P/W

6-Point Pinlock



1416R/Y 6-Point Ratchet 1416P/Y 6-Point Pinlock



1416R/R 6-Point Ratchet 1416P/R 6-Point Pinlock



1416R/B 6-Point Ratchet 1416P/B 6-Point Pinlock



1416R/HG 6-Point Ratchet 1416P/HG

6-Point Pinlock



**1416R/HO**6-Point Ratchet **1416P/HO**6-Point Pinlock

# Non-ANSI Bump Cap

# **BUMP CAP FEATURES:**

- Shell constructed from high density polyethylene
- Light weight working cap where hard hats are not required
- DuraShell™ 4-point glide lock suspension is designed for easier adjustments by the wearer
- Air holes on both sides of cap for ventilation
- DuraShell<sup>®</sup> bump caps are not designed to meet the safety standards for industrial head protection



White

**1400W** 4 Point Pinlock

1400GN

4 Point Pinlock



Red

**1400R** 4 Point Pinlock



**1400B** 4 Point Pinlock

Green

Gray

1400GY

4 Point Pinlock

Hi-Viz Orange

**1400H0** 4 Point Pinlock

# Non-ANSI Baseball Bump Cap

### 1410BK

# BASEBALL BUMP CAP FEATURES:

- 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™ baseball bump caps are not designed to meet the safety standards for industrial head protection









142

# Head Protection | DuraWear™

# 16" Black PVC Boots



# 1550

- One piece injection molded
- Black high molecular PVC compound
- · Bar cleat outsole
- · Over-the-sock style
- Sizes: 5-15

**1551** Steel safety toe, Sizes: 5-15

**★WARNING:** Cancer - www.P65Warnings.ca.gov

# 16" Black Rubber Boots



# 1500

- Fabric lined
- Steel shank
- · Bar-tread outsole
- Over-the-sock style
- Sizes: 6-15

**1501** Steel safety toe, Sizes: 5-15

# 5-Buckle Black Rubber Boots



#### 1520

- Fabric lined
- · Bar-tread outsole
- Over-the-shoe style
- Sizes: 6-16

# 17" Yellow Rubber Slush Boots



### 1510

- Top strap and buckle
- Fabric lined
- · Bar-tread outsole
- Over-the-shoe style
- Sizes: 6-18

# 32.5" Black Hip Wader



### 1531

- Steel safety toe Belt loop strap
- Fabric lined
- Steel shank
- Buckle adjustment
- · Reinforced knee & front
- · Cushion insole
- · Bar-tread outsole
- Over-the-sock style
- Sizes: 6-16





Bar-Cleat Outsole

Bar-Tread Outsole



DuraWear<sup>™</sup> boots are available with steel toes, which give the user extra protection from foot injuries.

# Ear Muffs | DuraPlugs™

# **DuraPlugs**

# **Hearing Protection**

Hearing protection is required in work environments that are exposed to noise levels equal or greater than 85 decibels (dB) averaged over an eight hour period. It is critical in choosing the appropriate hearing protection devices based on performance, selection, care and use.

Single-Use Ear Plugs are easy-to-use and ranging in different attenuation ratings. These disposable foam ear plugs provide the right fit for every user. Products are available in corded or uncorded styles.

Multiple-Use Ear Plugs have a unique three-flange design for a better seal in the ear canal providing protection. The firm stem facilitate as easy insertion and removal and increased comfort for long-term wear. Products are available in corded or uncorded styles.

Detectable Ear Plugs have a small piece of metal attached to the ear plugs itself or built into the cord. The purpose is when the product is screened for final inspection the screeners are able to locate it and avoid contamination. Products are available in single-use and multiple-use styles.

Banded Ear Plugs consist of two ear plugs held over the ends of the ear canal by a rigid headband. These types of ear plugs create less bulk for easy don and doff.

Ear Muffs are made from sound-attenuating materials and padded ear cups for a secure fit without compromising comfort.



# 1437Y

- Foldable lightweight headband design
- Adjustable 3 position ear cups for a snug and comfortable fit

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



## 1425Y

- Foam filled padded ear cups for a snug and comfortable fit
- Adjustable lightweight nylon padded headband

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

# Ear Plugs | DuraPlugs™



#### 14321

- Detectable in an industrial metal detection scanner
- Tapered bullet shape foam for easy insertion and removal
- Low pressure, self-adjusting foam which offers long wearing comfort and quick recovery time
- Compliance with food industry regulations
- 100 pairs individually packaged per box

**14322** Detectable cord and earplugs, 100 pairs individually packaged per box



#### 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

**REP 21** Orange, replacement pods, 20 pairs per polybag, 20 polybags per box

### DuraPlugs™ Hi-Viz Orange Reusable





#### 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

**14271** Corded, 100 pairs individually packaged per box

### *DuraPlugs™ Hi-Viz Orange Foam*







#### 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

**14311** Corded, 100 pairs individually packaged per box



# **Eyewear Protection**

#### iNOX™ Testing and Technology

#### 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™ safetv 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™ 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.

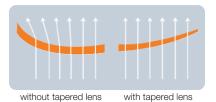
#### Frame Technology

- Frames consist of flexible and durable nylon materials
- Wrap around frames prevent side shield distortion
- Straight temples rest comfortably on head without pinching

#### Lens Technology

- All iNOX<sup>™</sup> lenses filter 99.9% of UVA/UVB rays
- Polycarbonate lenses comply with:
  - 1. ANSI Z87.1-2015
- 2. Polarized lenses
- 3. Military MIL-PRF-31013 clause 3.5.1.1

Anti-fog & scratch resistant lenses



#### iNOX™ Eyewear Solutions

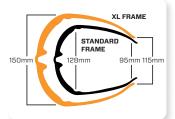
#### Wide Fit

Wider frames offered for different head sizes

**Anti-Fog Options** 

Anti-fog coating on

polycarbonate lenses



#### Magnifiers

Available in magnification 1.0, 1.5, 2.0, 2.5, and 3.0

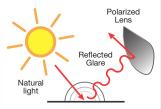


#### Polarized Lenses

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



#### Adjustable Temples

Ratchet inclination temples for a custom fit



#### Infrared (IR) Lenses

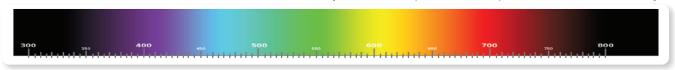
Green filters protect from UV rays and flash burns



#### **UV Filter | Lens Color Guide**

Ultraviolet Filtration

All iNOX™ eyewear lenses provide 99.9% protection from UVA/UVB rays.



A. 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.

B. 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.



#### 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.



#### Gray

For outdoor applications where light and glare can cause eyestrain and fatigue.



#### Brown, Mocha, Bronze and Orange

For outdoor applications where sunlight and glare cause eyestrain and fatique.



#### 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.



#### Amber

Blocks the blue portion of the visible light spectrum, creating maximum contrast enhancement, particularly in low light.



#### 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

#### **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



Customized printing is available. Contact your customer service representative for more details.



#### Camotek™



#### 1718T/AF (Anti-Fog)

Lens: Indoor/Outdoor | Frame: Camo

- Camouflage frame
   Scratch resistant polycarbonate lenses
- Durable co-injection rubber temples with non slip nosepiece
- · Includes a mushroom neck cord



1718BR/AF (Anti-fog) Lens: Brown Frame: Camo



1718LB/AF (Anti-fog) Lens: Light Blue Frame: Camo



1718A/AF (Anti-fog) Lens: Amber Frame: Camo

1718BM/AF (Anti-fog)

Frame: Camo

1718C/AF (Anti-fog) Lens: Clear Frame: Camo



1718SM/AF (Anti-fog) Lens: Silver Mirror Frame: Camo

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

#### Shadowtek™

#### **BK1718C/AF**

(Anti-Fog)

Lens: Clear | Frame: Black

- Durable co-injection rubber temples
- Non slip nosepiece
- · Includes a mushroom neck cord
- Scratch resistant polycarbonate lenses







# POTECTION

# Eclipse ™

#### SL1720BM/AF (Anti-Fog)

Lens: Blue Mirror I Frame: Silver

- Wide temple frame with straight back temples
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses



WT1720RM/AF (Anti-fog) Lens: Red

Frame: White



1720G/AF (Anti-fog) Lens: Gray Frame: Black



GD1720BR/AF (Anti-fog) Lens: Brown Frame: Gold

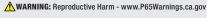


1720T/AF (Anti-fog) Lens: Indoor/Outdoor Frame: Black

or or

(Anti-fog) Lens: Brown Mirror Frame: Brown

BR1720BRM/AF







#### 1724C

Lens: Clear I Frame: Black

- Wide temple frame Straight back temples
- Non slip nosepiece Durable co-injection rubber temples
- Scratch resistant polycarbonate lenses



1724A

Lens: Amber Frame: Black



1724SM Lens: Silver Mirror Frame: Black

1724BM

1724G Lens: Gray Frame: Black



Lens: Blue Mirror Frame: Black



**1724T** Lens: Indoor/Outdoor Frame: Black

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

#### Aura ™

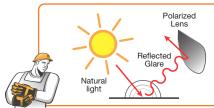


#### 1764RG | POLARIZED

Lens: Gray | Frame: Red/Black

- Sport wrap around frame Scratch resistant polycarbonate lenses
- Polarized lenses contain a special filter that blocks intense reflected light, reducing glare and eye fatigue
- Co-injection rubber temples with non slip nosepiece

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



#### Polarized Lenses

Polarization for improved glare reduction outdoors





#### 1715A

#### Lens: Amber I Frame: Amber

- Single piece wrap around polycarbonate temple and lenses
- Integrated nosepiece
- Scratch resistant lenses



1715BM Lens: Blue Mirror Frame: Gray



1715C | 1715C/AF (Anti-fog) 1715N/C (Narrow Frame) Lens: Clear Frame: Clear



ens: Mocha Frame: Mocha



1715G | 1715G/AF (Anti-fog) 1715N/G (Narrow Frame) Lens: Gray Frame: Gray



1715BM/C Lens: Blue Mirror Frame: Clear



1715SM Lens: Silver Mirror Frame: Gray



1715T Lens: Indoor/Outdoor Frame: Clear



F1715C/AF (Anti-fog) Lens: Clear Frame: Clear





#### Foam Gaskets Provides a comfortable seal



#### **Anti-Fog Options** Anti-fog coating on polycarbonate lenses





#### 1715RT/C | 1715RT/C/AF (Anti-Fog)

**Lens: Clear I Black Temple Tips** 

- Single piece wrap around polycarbonate lenses
- Integrated nosepiece
- Durable rubber temples tips
- Scratch resistant lenses



1715RT/A Lens: Amber Black Temple Tips



1715RT/OR Lens: Orange Black Temple Tips





**1715RT/BM**Lens: Blue Mirror
Black Temple Tips



**1715RT/BR** Lens: Brown Black Temple Tips



1715RT/G | 1715RT/G/AF (Anti-fog) Lens: Gray Black Temple Tips



**1715RT/SM**Lens: Silver Mirror
Black Temple Tips



1715RT/T Lens: Indoor/Outdoor Black Temple Tips



**1715RT/3.0** Lens: 3.0 Infrared (IR) fiter Black Temple Tips



**1715RT/5.0** Lens: 5.0 Infrared (IR) filter Black Temple Tips



Infrared (IR) Lenses Green filters protect from UV rays and flash burns



#### Boomerang ™



#### 1705T

#### Lens: Indoor/Outdoor | Frame: Clear

- Light weight spectacles 16 grams
- Single piece wrap around polycarbonate temple and lenses
- Integrated nosepiece
- Scratch resistant lenses



**1705A** Lens: Amber Frame: Amber



1705G Lens: Gray Frame: Gray



1705C Lens: Clear Frame: Clear

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

#### **F-III** ™

# **1715RTN/G 1715RTN/G/AF** (Anti-Fog)

Lens: Gray | Frame: Black/Orange

- Single piece wrap around polycarbonate lenses
- Durable co-injection rubber temples
- · Non slip nosepiece
- Scratch resistant lenses





**1715RTN/A**Lens: Amber
Frame: Black/Orange



1715RTN/C 1715RTN/C/AF (Anti-fog) Lens: Clear

Frame: Clear/Orange



1715RTN/BM Lens: Blue Mirror Frame: Black/Orange



**1715RTN/SM**Lens: Silver Mirror
Frame: Black/Orange



1715RTN/T Lens: Indoor/Outdoor Frame: Clear/Orange



#### 1767G | 1767G/AF (Anti-Fog)

Lens: Gray | Frame: Black

- Sporty, semi-frame, and lightweight design
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses



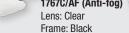


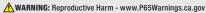


1767LB Lens: Light Blue Frame: Black



1767SM Lens: Silver Mirror Frame: Black







#### Roadster II™

#### 1757C

**Lens: Clear I Frame: Black** 

- Sporty, semi-frame, and light weight design
- Durable temples with non slip nosepiece
- Scratch resistant polycarbonate lenses
- Includes a neck cord



**1757A** Lens: Amber Frame: Black



1757C/AF (Anti-fog) Lens: Clear Frame: Black



**1757G** Lens: Gray Frame: Black







#### Brea ™



#### 1766C | 1766C/AF (Anti-Fog)

Lens: Clear I Frame: Black

- · Sporty, semi-frame, and light weight design
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses



1766A Lens: Amber Frame: Black



1766BM Lens: Blue Mirror Frame: Black



1766SM Lens: Silver Mirror Frame: Black



Lens: Indoor/Outdoor Frame: Black



1766G 1766G/AF (Anti-fog) Lens: Gray Frame: Black

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

#### Surfer™



#### 1768G

#### Lens: Gray | Frame: Black

- · Sporty semi-frame light weight design
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses



#### 1768BM

ens: Blue Mirror Frame: Black



#### 1768TM

Lens: Indoor/Outdoor Frame: Black



1768LB Lens: Light Blue Frame: Black



#### G1768C

Lens: Clear Frame: Gray

1768C



1768C/AF (Anti-fog) Lens: Clear

# Frame: Black

#### WARNING: Reproductive Harm - www.P65Warnings.ca.gov

# Flint™ NOX TH

#### 1755C | 1755C/AF (Anti-Fog)

#### Lens: Clear | Frame: Gray/Red

- 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



#### 1755A Lens: Amber

Frame: Gray/Red



#### 1755BM

Lens: Blue Mirror Frame: Gray/Red



#### 1755T

Lens: Indoor/Outdoor Frame: Gray/Red



#### Magnum ™



#### 1717C | 1717C/AF (Anti-Fog)

Lens: Clear | Frame: Black

- Wrap around lenses for additional front and side protection
- Durable co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses
- . Temples adjust to four different lengths



CF1717A Lens: Amber Frame: Camo



CF1717C Lens: Clear Frame: Camo



CF1717G Lens: Gray Frame: Camo



CF1717T Lens: Indoor/Outdoor Frame: Camo



BU1717C Lens: Clear Frame: Blue



BU1717G Lens: Grav Frame: Blue



RD1717C Lens: Clear Frame: Red



RD1717G Lens: Gray Frame: Red



1717A Lens: Amber Frame: Black



1717BM Lens: Blue Mirror Frame: Black



1717BRM Lens: Brown Mirror Frame: Black



1717G 1717G/AF (Anti-fog) Lens: Gray Frame: Black



17170R Lens: Orange Frame: Black



1717SM Lens: Silver Frame: Black



1717T Lens: Indoor/Outdoor Frame: Black

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

# NOX

#### Cyclone ™

#### **RD1726C** RD1726C/AF (Anti-Fog)

Lens: Clear I Frame: Red

- Sport wrap design with lobster tail temples
- Durable non slip rubber temples and nosepiece
- Scratch resistant polycarbonate lenses



1726C Lens: Clear Frame: Black



1726G Lens: Gray Frame: Black



1726T Lens: Indoor/Outdoor Frame: Black



1726SM Lens: Silver Mirror Frame: Black



17260M

Lens: Orange Mirror Frame: Black



1726BM Lens: Blue Mirror

Frame: Black



SL1726BM

Lens: Blue Mirror Frame: Silver



SL1726G/AF (Anti-fog)

Lens: Gray Frame: Silver



BU1726G Lens: Gray



BU1726BM Lens: Blue Mirror Frame: Blue



BU1726C Lens: Clear Frame: Blue



BU1726SM Lens: Silver Mirror Frame: Blue



RD1726G Lens: Gray Frame: Red



RD1726SM Lens: Silver Mirror Frame: Red







#### 1770A | 1770A/AF (Anti-Fog)

Lens: Amber I Frame: Black strap

- Dual pane scratch resistant polycarbonate lenses
- · Removable head strap
- Foam carriage provides a tight and comfortable seal to keep out dust and airborne particles



1770C Lens: Clear Frame: Black strap



1770G | 1770G/AF (Anti-fog) Lens: Gray Frame: Black strap

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

#### Challenger II™

#### 1778C/AF (Anti-Fog)

Lens: Clear | Frame: Black

- 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











#### Gazer™



#### RD1773SM/AF (Anti-Fog)

Lens: Silver Mirror I Frame: Red

- Dual pane scratch resistant polycarbonate lenses
- Soft non slip rubber nose piece and insert temple tips
- · Removable vented foam carriage



SL1773G/AF (Anti-fog) Lens: Gray Frame: Silver



1773A/AF (Anti-fog) Lens: Amber Frame: Black

BR1773BR/AF

(Anti-fog)

Lens: Brown

Frame: Brown



1773C/AF (Anti-fog) Lens: Clear Frame: Black



1773T/AF (Anti-fog) Lens: Indoor/Outdoor Frame: Black

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



#### 1772T

Lens: Indoor/Outdoor | Frame: Black

- Wide temple frame
- Dual pane scratch resistant polycarbonate lenses
- Foam carriage provides a tight and comfortable seal to keep out dust and airborne particles





1772A/AF (Anti-fog) Lens: Amber Frame: Black



1772BM Lens: Blue Mirror Frame: Black



1772SM ens: Silver Frame: Black



1772G/AF (Anti-fog) Lens: Gray Frame: Black



1772C/AF (Anti-fog) Lens: Clear Frame: Black





#### Gravity ™



#### 1735G

Lens: Gray | Frame: Black

- Light weight spectacle 21 grams
- · Sporty semi-frame design
- Durable co-injection rubber temples with non slip nosepiece
- · Scratch resistant polycarbonate lenses



Lens: Amber Frame: Black



Lens: Clear Frame: Black



Lens: Indoor/Outdoor Frame: Black

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

#### Hawk™

#### 1727GM

Lens: Gold Mirror I Frame: Black

- Sporty semi-frame design
- Durable co-injection rubber temples with non slip nosepiece
- Single piece wrap around scratch resistant polycarbonate lenses





1727C Lens: Clear Frame: Black



1727R Lens: Red Frame: Black



1727G Lens: Gray Frame: Black



1727SM Lens: Silver mirror Frame: Black



1727A Lens: Amber Frame: Black



1727BM Lens: Blue mirror Frame: Black



Lens: Indoor/Outdoor Frame: Black



#### RD1769RM (Anti-Fog)

Lens: Red Mirror I Frame: Red

- Modern and light weight contour frame
- Co-injection rubber temples with non slip nosepiece
- Scratch resistant polycarbonate lenses



1769G/AF (Anti-fog) Lens: Gray Frame: Black





Lens: Silver Mirror Frame: Silver



1738C

1738R

Lens: Red

Frame: Black

Lens: Clear

Frame: Black





1738A Lens: Amber Frame: Black



1738GM Lens: Gold Mirror Frame: Black



Lens: Silver Mirror Frame: Black

#### Dasher™

#### 1738BM

Lens: Blue I Frame: Black

- Single piece wrap around scratch polycarbonate lenses
- Durable co-injection rubber temples with non slip nosepiece
- Temples adjust to four different lengths



1738G Lens: Gray Frame: Black



1738TM Lens: Indoor/Outdoor Frame: Black





#### 1730C | 1730C/AF (Anti-Fog)

Lens: Clear | Frame: Black

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- 3-point ratcheting temples



Lens: Gray Frame: Black



1732C Lens: Clear Frame: Red/White/Blue



1731C Lens: Clear Frame: Blue



1732G Lens: Gray Frame: Red/White/Blue

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

#### Guardian ™

#### 1710C 1710C/AF (Anti-Fog)

Lens: Clear | Frame: Black

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- . Temples adjust to four different lengths





1710A 1710A/AF (Anti-fog) Lens: Amber Frame: Black



1711C 1711C/AF (Anti-fog) Lens: Clear Frame: Blue



1712G Lens: Gray Frame: Red/White/Blue



1710G 1710G/AF (Anti-fog) Lens: Gray Frame: Black



1711G Lens: Gray Frame: Blue



1714C Lens: Clear Frame: Yellow



1710SM Lens: Silver Mirror Frame: Black



1712C Lens: Clear Frame: Red/White/Blue



1714G Lens: Gray Frame: Yellow

#### Master™



#### Pulsar ™



#### 1780C | 1780C/AF (Anti-Fog)

Lens: Clear | Frame: Blue strap

- Indirect ventilation goggles
- Adjustable strap
- PVC frame, polycarbonate lenses

**MARNING:** Reproductive Harm - www.P65Warnings.ca.gov

#### 1790C | 1790C/AF

(Anti-Fog)

Lens: Clear | Frame: Blue strap

- Direct ventilation for added splash protection
- Adjustable strap
- PVC frame, polycarbonate lenses

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

#### Armour™ Series



# NOX



# NOX

#### 1750G

Lens: Gray | Frame: Gray

- Single piece wrap around scratch polycarbonate lenses and temples
- Integrated nosepiece
- Light weight and economical



1750C

Lens: Clear Frame: Clear



1750A Lens: Amber

Frame: Amber

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

#### 1751C/AF (Anti-Fog)

**Lens: Clear | Black Temples** 

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- 3-point ratcheting temples



1751C/AF (Anti-Fog) Lens: Clear **Black Temples** 

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

#### 1752G/AF (Anti-Fog)

**Lens: Gray | Black Temples** 

- Single piece wrap around scratch polycarbonate lenses
- Integrated nosepiece
- Extendable and ratcheting temples



1752C/AF (Anti-fog) Lens: Clear **Black Temples** 

#### Synergy Readers ™



#### 1775C15

Lens: Clear +1.5 | Frame: Black

- Scratch resistant polycarbonate 8-base curve lenses
- Durable co-injection rubber temples with non slip nosepiece

1775C10 Clear +1.0 lens with Black frame

1775C20 Clear +2.0 lens with Black frame

1775C25 Clear +2.5 lens with Black frame

**1775C30** Clear +3.0 lens with Black frame

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

#### Synergy Readers ™



#### 1775G10

Lens: Gray +1.0 | Frame: Black

- · Scratch resistant polycarbonate 8-base curve lenses
- Durable co-injection rubber temples with non slip nosepiece

**1775G15** Gray +1.5 lens with Black frame

**1775G20** Gray +2.0 lens with Black frame

**1775G25** Gray +2.5 lens with Black frame

**1775G30** Gray +3.0 lens with Black frame

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

#### F Reader™



#### 1765C10

Lens: Clear +1.0 | Frame: Black/Red

- Scratch resistant polycarbonate 8-base curve lenses
- Durable co-injection rubber temples
- · Integrated nosepiece

1765C15 Clear +1.5 lens with Black/Red frame

1765C20 Clear +2.0 lens with Black/Red frame

1765C25 Clear +2.5 lens with Black/Red frame

1765C30 Clear +3.0 lens with Black/Red frame

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

#### Accessories

17CORD1 Glasses Cords



17CORD3 Mushroom cord for glasses, fits on temples





Microfiber drawstring spectacle case

#### 17LED

Speclight clipped onto the temples of glasses for lighting in the dark

#### 17CTD

100 individually packaged lens cleaning towelettes

#### ALSO AVAILABLE FOR GLASSES DISPLAY:

17DIS6 6 piece stationary display 17DIS36 36 piece rotating display



# Respiratory Protection | DuraMask™

# DuraMask™

DuraMask® protective respirators are designed with your comfort and respiratory protection in mind. Hazardous substances such as gases, solvents, powdered chemicals and sprays can be present in the workplace in different physical states. Air contaminates are commonly classified as particulates or gas and vapor contaminates. Breathe easy with DuraMask® on the job.

#### DuraMask™ Particulate Respirators



#### 1895N

- Compliant with 42 CFR Part 84
- Niosh N95 approved
- Adjustable aluminum nosepiece

• 20 pieces per box, 12 boxes per case

- · Latex-free double head strap
- Meets CDC guidelines for TB exposure control
- · Comfortable nose foam

**1895N/V** Exhalation valve, 10 pieces per box, 12 boxes per case

#### DuraMask™ Nuisance Masks



#### 1890

- Polypropylene spunbond Single strap
- Fabric wrapped elastic head strap
- Adjustable aluminum nose piece
- 50 pieces per box, 20 boxes per case

**1890D** Double strap

#### DuraMask™ Nuisance Masks



#### 1891

- Polypropylene spunbond
- 3-Ply face mask, ear loop
- Fabric wrapped elastic head strap
- Adjustable aluminum nose piece
- 50 pieces per box, 20 boxes per case

# Back Support Belts & Knee Pads | DuraWear™

#### **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

1909 Detachable suspenders, Sizes: S-5XL

#### Hi-Viz Back Support Belt



#### 1908HO

- Hi-viz orange
   Rubber track webbing
- · Adjustable attached suspenders
- Stretchable bias binding with zig zag stitching
- Hook and loop closure
- Sizes: S-3XL

1908HG Hi-viz green, Sizes: S-3XL

#### EVA Foam Knee Pads



#### 1920

- Lightweight one piece EVA foam
- Provides comfort for extended kneeling
- Water resistance
- · Hook and loop closure

#### 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

#### HARD PLASTIC CAP KNEE PADS

#### 1924

- Exterior polyester fabric with expandable PE liner
- PE cap secured with rivets
- Double hook and loop closure

#### Deluxe Butterfly Knee Pads



#### 1922

- Offers excellent protection with non-marring plastic hard caps.
- Slip resistant ridges prevent against sliding and slipping on surfaces.
- Soft 600D cloth padding and adjustable straps for extended comfort
- Double hook and loop closure

#### Heavy Duty Turtleback Shell Knee Pads



#### 1923

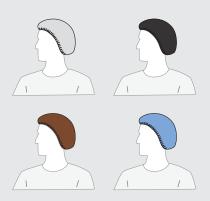
- Heavy duty non-marring abrasion resistant turtleback plastic hard caps.
- Slip resistant ridges prevent sliding on surfaces.
- Soft 600D cloth padding with PE gel inserts
- Double hook and loop closure

# Accessories | DuraWear™

#### **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	A1918W/C	A1921W/C	A1924W/C	A1926W/C
Black	A1918BK/C	A1921BK/C	A1924BK/C	
Brown	A1918BR/C	A1921BR/C	A1924BR/C	
Blue		A1921BL/C	A1924BL/C	

#### **Beard Covers**



#### Spray Sock



#### 15803

- Polypropylene spunbond White
- 1000 pieces per case
- Size: One size

15803B Blue

15803R Red

**15803/5** White, 500 pieces per case

#### **SOFT 100% NYLON BEARD NETS**

• 1000 pieces per case

1903 White

**1903BK** Black

1903BL Blue

1410A

- · Cool and lightweight
- Protection against overspray and other particulates
- Fits over the head and can be worn with goggles, half-masks, and full-mask respirators
- 144 pieces per case

#### **Polypropylene** Hood



#### 15386W

- Polypropylene spunbond
- · Bouffant and beard cover all-in-one
- Latex-free
- 100 pieces per polybag, 10 polybags per case

15386B Blue

# Accessories | DuraWear™

#### Spunbonded Polypropylene **Bouffant Caps**



· Latex-free

• Sizes: 19", 21", 24"

Color	Packaging	19"	21"	24"
	500 pieces/case	15819W 1819W/C/5	15821W 1821W/C/5	15824W 1824W/C/5
White	1000 pieces/case		15821W/10 1821W/C	15824W/10 1824W/C
	2000 pieces/case (pleated)		1821W/P	1824W/P
	500 pieces/case	15819B	15821B 1821B/C/5	15824B 1824B/C/5
Blue	1000 pieces/case		1821B/C	1824B/C
	2000 pieces/case (pleated)		1821B/P	
	500 pieces/case		15821R	15824R
Red	2000 pieces/case (pleated)		1821R/P	1824R/P
Green	500 pieces/case		15821G	15824G
Yellow	500 pieces/case		15821Y	15824Y











**Blue Denim Apron** 



Yellow PVC/ **Polyester Apron** 



Vinyl Apron



Disposable Polyethylene **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"

1348P2 2 Pockets **1348P1** 1 Pocket

#### 1328

- 0.35mm thickness
- · Adjustable neck strap
- Individually packed, 48 pieces per case
- Size: 35" X 47"

#### 1338W

- 6 mil thickness
- · White, adjustable ties
- Individually packed, 50 pieces per case
- Size: 35" X 45"

1338B Blue, adjustable ties

#### 2845

- Embossed
- Individually packed, 100 pieces per box, 10 boxes per case
- Size: 28" X 46"

**2846** Bulk packed. 100 pieces per bag, 10 bags per case

**2846B** Blue, bulk packed, 100 pieces per bag, 10 bags per case

MARNING: Cancer - www.P65Warnings.ca.gov

WARNING: Cancer - www.P65Warnings.ca.gov

#### Disposable Sleeves



#### 2818C

- Clear polyethylene
- · Elastic ends
- 2000 pieces per case
- Size: 18"

**2818B** Blue polyethylene, 2000 pieces per case

**2818W** White polyethylene, 2000 pieces per case

### Disposable Sleeves



#### 15500

- White polyethylene spunbond
- · Elastic ends
- 500 pieces per case
- Size: 18"

**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

#### Terry Cloth Sleeves



#### 2818TY

- Elastic ends
- Seamless
- 12 pieces per polybag,
  6 polybags per case
- Size: 18"

#### 100% Kevlar® Sleeves



#### 2818KVT

- Double-ply
- Thumb slot
- 100 pieces per case
- Size: 18"

**2814KVP** 14", Plain

**2814KVT** 14", Thumb slot

**2818KVP** 18", Plain

**2824KVP** 24", Plain

2824KVT 24", Thumb slot

#### **Vinyl Sleeves**



#### 2818BV

- 8 mil thickness
- · Blue colored
- · Elastic ends
- · Heat welded seams
- 12 pairs per polybag,
  12 polybags per case
- Size: 18"

2818WV White colored

#### **MARNING:** Cancer - www.P65Warnings.ca.gov

#### Blue Denim Sleeves



#### 2818DM

- · Standard weight
- · Elastic ends
- 12 pieces per polybag,
  6 polybags per case
- Size: 18"

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0906HO	46	1406P/R	140	15824B	166	1724G	149	1767T	153	1895N	163	2622	32	305	20
0912	47	1406P/W	140	15824G	166	1724SM	149	1768BM	154	1895N/V	163	2623	32	306	23
0913	47	1406P/Y	140	15824R	166	1724T	149	1768C	154	1903	165	2624	32	3110	63
0914	47	1406R/B	140	15824VV	166	1726BM	155	1768C/AF	154	1903BK	165	2631	32	3114	63
0915	45	1406R/HG	140	15824W/10	166	1726C	155	1768G	154	1903BL	165	2632	32	3120	63
0915BK	45	1406R/HO	140	15824Y	166	1726G	155	1768LB	154	1908	164	2633	32	3124	63
0915HY/RT	46	1406R/R	140	1705A	152	17260M	155	1768TM	154	1908HG	164	2634	32	3180	63
0915Q/BK	45	1406R/W	140	1705C	152	1726SM	155	1769G/AF	159	1908HO	164	2638	32	3180Y	63
0915Q/HO	45	1406R/Y	140	1705G	152	1726T	155	1769LB/AF	159	1909	164	2640	33	3210	65
0916	46	1410A	165	1705T	152	1727A	158	1770A	156	19120	112	2650SP	34	3210K	65
0916BK	46	1410BK	142	1710A	160	1727BM	158	1770C	156	19122	113	2723BL	32	3214	65
0918	49	1410BL	142	1710A/AF	160	1727C	158	1770C/AF	156	19122B	113	2731	32	3220	65
0918BK	49	1410H0	142	1710C	160	1727G	158	1770G	156	19125	112	2733	32	3230	60
0920	51	1410HY	142	1710C/AF	160	1727GM	158	1770G/AF	156	19125B	112	2734	32	3231	63
0922	51	1416P/B	142	1710G	160	1727R	158	1772A/AF	157	19127	113	2738	32	3240	60
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0950	51	1416R/B	142	17110	100	1730G/AI	160	17721 1773A/AF	157	1924	164	2814	34	32600	60
0961	46	1416R/HG	142	17125	109	1731C	160	1773C/AF	157	19300	113	2814KVP	167	3260Q/G	60
1020	100	1416R/HO	142	1712C	160	1732C	160	1773T/AF	157	19300B	113	2814KVT	167	3260SP/G	60
1025	101	1416R/R	142	1712G	160	1732G	160	1775C10	162	19301	113	2816W	38	3260SQ	60
1026	101	1416R/W	142	1714C	160	1735A	158	1775C15	162	19301B	113	2818	34	3260SQ/G	60
1026NB	101	1416R/Y	142	1714G	160	1735C	158	1775C20	162	19311	113	2818B	167	3261	64
10260D	101	1425Y	144	1715A	150	1735G	158	1775C25	162	2008W	39	2818BV	167	3261SQ	64
10260R	101	1426R/B	141	1715BM	150	1735T	158	1775C30	162	2010AL	40	2818C	167	3264Q	60
110NX-45	134	1426R/HG	141	1715BM/C		1738A	159	1775G10	162	2010CB	41	2818DM	167	3264SQ	60
110NX-60	134	1426R/HO	141	1715C	150	1738BM	159	1775G15	162	2010HO	41	2818KVP	167	3265	64
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119UT-70	135	14271	145	1715RT/3.0	151	1738SM	159	1778C/AF		2016BK	40	282	23	32700	61
1220	100	14310	145	1715RT/5.0	151	1738TM	159	1778G/AF		2016W	39	2820	35	3270SP	61
1220AH	101	14311	145	1715RT/A	151	17500	167	1780C	161	2017W	40	2824	34	3274	60
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448 D-12   134   4613   71   6112PF   27   8005/PF   27   8U1717C   155   F4600   16   P4507Q   77   TP284TOR     448 D-120   135   4613Q   71   6114   55   8247   59   8U1717G   155   F4602   16   P4517Q   77   TP750TOR     4501   73   4621   71   6118   55   8355   66   8U1726BM   155   F4602   16   P4517Q   77   TP750TOR     4501   73   4622   71   6120   56   8438   59   8U1726C   155   F4603   16   P4527G   77   TP750TOR     4501   73   4625   71   6124   55   8440   59   8U1726SM   155   F4603   16   P4527G   77   TP300TOR     4501   73   4625   71   6126   55   8440   59   8U1726SM   155   F4610   17   P4638   19   TY121S     4501   73   4630G   17   6126   55   8446   59   8U1726SM   155   F4610   17   P4638   19   TY121S     4501   73   46310/BK   17   6128   55   8447   59   C16002F   85   F4781   15   P4639G   18   TY122S     4503   72   46310/BK   17   6130   56   8500PF   27   C16002L/GB   85   F4781   15   P4640   19   TY151S     4503   72   46310/BK   17   6137   55   8544   66   C16002C   85   F4781   15   P4640   19   TY151S     4504   72   4632C/LD   79   6147   55   892   25   C16003F   86   F4789HO   15   P8120S   120   TY210S     4504   72   4632LD   79   620   24   9330   30   C16004F   88   F4789HO   15   P8120S   120   TY210S     4505A   73   4638BK   18   6427   56   9363   30   C16004F   88   F4900HG   6   P8127S   120   TY210S     4505A   73   4638BK   18   6427   56   9363   30   C16005G   86   F4901HG   6   P8127S   120   TY210S     4505A/O   73   4639G/BK   18   6427R   56   9430   30   C16010G   84   F4900HG   6   P8127S   120   TY210S     4505A/O   73   4639G/BK   18   6427R   56   9430   30   C16010G   84   F4900HG   6   P8127S   120   TY210S     4505A/O   73   4639G/BK   18   6427R   56   9430   30   C16010G   84   F4900HG   6   P8127S   120   TY210S     4505A/O   73   4639G/BK   18   6427R   56   9430   30   C16010G   84   F4900HG   6   P8127S   120   TY210S     4505A/O   73   4639G/BK   18   6427R   56   9430   30   C16010G   87   F4900HG   6   P8127S   120   TY210S     450																129 129
A48ID-12   134   4613																129
4501																129
4501B   73   4622   71   6120   56   8438   59   BU1726G   155   F4605   16   P4527G   77   TY120S     4501BL   73   4625   71   6124   55   8440   59   BU1726GM   155   F4610   17   P4638   19   TY121S     4501Q   73   4630G   17   6126   55   8446   59   BU1726GM   159   F4630G   17   P4638BK   18   TY122S     4501W   73   4630Q   17   6127   55   8447   59   C16002F   85   F4631BK   17   P4639   18   TY125S     4501W   73   4631G/BK   17   6128   55   8454   66   C16002G   85   F4779LG   13   P4639G   18   TY127S     4503   72   4631Q/BK   17   6130   56   8500PF   27   C16002Q/GB   85   F4781   15   P4640   19   TY151S     4503Q   72   4631Q/BL   17   6137   55   8544   66   C16003F   86   F4782   15   P4717   78   TY198S     4504   72   4632Q/LD   79   6147   55   892   25   C16003G   86   F4789HO   15   P8120SBU   120   TY198T     4504   72   4632LD   79   620   24   9330   30   C16004G   88   F4900HG   6   P8125SBU   120   TY211S     4505A   73   4633LD   79   62502   139   9360   30   C16005F   86   F4902HG   6   P8127SBU   120   TY212S     4505A/G   73   4638   19   6317   66   9333   30   C16005F   86   F4902HG   6   P8127SBU   120   TY212S     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   84   F4905HG   6   P8127SBU   120   TY273B     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   84   F4905HG   6   P8127SBU   120   TY273B     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   84   F4905HG   6   P8127SBU   120   TY273B     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   84   F4905HG   6   P8127SBU   120   TY273B     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   87   F4905HG   6   P8127SBU   120   TY273B     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   87   F4905HG   6   P8127SBU   120   TY273B     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   87   F4905HG   6   P8127SBU   120   TY273B     4505A/O   73   4639   18   6427R   56   9430   30   C16010F   87   F4905HG   6   P8127SBU   120   TY273B																129
4501BL         73         4625         71         6124         55         8440         59         BU1726SM         155         F4610         17         P4638         19         TY121S           45010         73         46300         17         6126         55         8446         59         BU17696/AF         159         F4630G         17         P4638BK         18         TY122S           4501R         73         4630Q         17         6127         55         8447         59         C16002F         85         F4631BK         17         P4639G         18         TY122S           4503         72         46310/BK         17         6130         56         8500PF         27         C16002Q/GB         85         F4781         15         P4640         19         TY151S           4503A         72         46310/BL         17         6137         55         8544         66         C16003F         86         F4782         15         P4717         78         TY198S           4503Q         72         46310/RD         17         6140         56         874/R         25         C16003F         86         F4789L         15         P8120S																129
4501Q         73         4630G         17         6126         55         8446         59         BU1769G/AF         159         F4630G         17         P4638BK         18         TY122S           4501R         73         4631G/BK         17         6127         55         8447         59         C16002G         85         F4779LG         13         P4639G         18         TY12S           4503         72         46310/BK         17         6128         55         8454         66         C16002L/GB         85         F4778LG         13         P4639G         18         TY12TS           4503A         72         46310/BK         17         6137         55         8544         66         C16003F         86         F4781         15         P4640         19         TY151S           4503Q         72         46310/RD         17         6140         56         874/R         25         C16003F         86         F4789H0         15         P8120S         120         TY198S           4504Q         72         4632LD         79         6147         55         892         25         C16004G         88         F4789H0         15         P8120S																122 122
4501R         73         4630Q         17         6127         55         8447         59         C16002F         85         F4631BK         17         P4639         18         TY125S           4501W         73         4631G/BK         17         6128         55         8454         66         C16002G         85         F479LG         13         P4639G         18         TY127S           4503         72         4631Q/BK         17         6137         55         850PF         27         C16002G         85         F4781         15         P4640         19         TY151S           4503A         72         4631Q/BL         17         6137         55         8544         66         C16003F         86         F4782HD         15         P8120S         120         TY198T           4503A         72         4631Q/BL         17         6140         56         874/R         25         C16003G         86         F4782HO         15         P8120S         120         TY198T           4504         72         4632LD         79         620         24         9330         30         C16004G         88         F4990HG         6         P8125S																122
4503         72         4631Q/BK         17         6130         56         8500PF         27         C16002Q/GB         85         F4781         15         P4640         19         TY151S           4503A         72         4631Q/BL         17         6137         55         8544         66         C16003F         86         F4782         15         P4717         78         TY198T           4503         72         4631Q/RD         17         6140         56         874/R         25         C16003G         86         F4789HO         15         P8120S         120         TY198T           4504         72         4632C/LD         79         6147         55         892         25         C16004F         88         F4789LG         15         P8120SBU         120         TY210S           4504         72         4632LD         79         620         24         9330         30         C16004F         88         F4789LG         6         P8125S         120         TY211S         4505A         73         4633LD         79         6227         66         9333         30         C16005F         86         F490HG         6         P8127S         120	4501R		4630Q		6127		8447		C16002F		F4631BK		P4639		TY125S	122
4503A       72       46310/BL       17       6137       55       8544       66       C16003F       86       F4782       15       P4717       78       TY198S         4503Q       72       46310/RD       17       6140       56       874/R       25       C16003G       86       F4789HO       15       PB120S       120       TY198T         4504       72       4632LD       79       6147       55       892       25       C16004F       88       F4789LG       15       PB120SBU       120       TY210S         4504       72       4632LD       79       620       24       9330       30       C16004G       88       F490HG       6       PB125SS       120       TY211S         4505       73       4633LD       79       6227       66       9333       30       C16005G       86       F490HG       6       PB125SBU       120       TY212S         4505A/B       73       4638LD       79       62502       139       9360       30       C16007G       87       F4902HG       6       PB127SBU       120       TY216S         4505A/B       73       4638BK       18       6427       <																122
4503Ω         72         4631Q/RD         17         6140         56         874/R         25         C16003G         86         F4789HO         15         PB120S         120         TY198T           4504         72         4632C/LD         79         6147         55         892         25         C16004F         88         F4789LG         15         PB120SBU         120         TY210S           4504         72         4632LD         79         620         24         9330         30         C16004G         88         F4900HG         6         PB125S         120         TY211S           4505         73         4633LD         79         6227         66         9333         30         C16005G         86         F4901HG         6         PB125SBU         120         TY212S           4505A/B         73         4634LD         79         62502         139         9360         30         C16005G         86         F4902HG         6         PB127SBU         120         TY212S           4505A/B         73         4638BK         18         6427         56         9373         30         C16010F         84         F4903HG         6         PB127SBU																122 125
4504       72       4632C/LD       79       6147       55       892       25       C16004F       88       F4789LG       15       PB120SBU       120       TY210S         4504Q       72       4632LD       79       620       24       9330       30       C16004G       88       F4900HG       6       PB125S       120       TY211S         4505       73       4633LD       79       6227       66       9333       30       C16005F       86       F4901HG       6       PB125SBU       120       TY212S         4505A/3       73       4634LD       79       62502       139       9360       30       C16005G       86       F4902HG       6       PB127S       120       TY212S         4505A/B       73       4638       19       6317       66       9363       30       C16007G       87       F4903HG       6       PB127SBU       120       TY218S         4505A/G       73       4638BK       18       6427       56       9373       30       C16010F       84       F4903HG       6       PB127SBU       120       TY218S         4505A/G       73       4639G       18       6427R																125
4505         73         4633LD         79         6227         66         9333         30         C16005F         86         F4901HG         6         PB125SBU         120         TY212S           4505A         73         4634LD         79         62502         139         9360         30         C16005G         86         F4902HG         6         PB127S         120         TY216S           4505A/B         73         4638         19         6317         66         9363         30         C16007G         87         F4903HG         6         PB127SBU         120         TY273B           4505A/G         73         4638BK         18         6427         56         9373         30         C16010F         84         F4905HG         6         PB127SGY         120         TY303S           4505A/G         73         4639         18         6427 R         56         9430         30         C16010F         84         F4905HG         6         PB127SGY         120         TY303S           4505A/Y         73         4639G         18         6487         56         9433         30         C16012F         87         F4920BK         9         PS1406 </td <td></td> <td>123</td>																123
4505A         73         4634LD         79         62502         139         9360         30         C16005G         86         F4902HG         6         PB127S         120         TY216S           4505A/B         73         4638         19         6317         66         9363         30         C16007G         87         F4903HG         6         PB127SBU         120         TY273B           4505A/G         73         4638BK         18         6427         56         9373         30         C16010F         84         F4905HG         6         PB127SGY         120         TY303S           4505A/O         73         4639         18         6427R         56         9430         30         C16010G         84         F4910HG         9         PS1404         140         TY350S           4505A/Y         73         4639G II         18         6487         56         9433         30         C16012F         87         F4920BK         9         PS1406         140         TY450S           4505Q         73         4639G/BK         18         6504         56         9440         30         C16012G         87         F4920SD         9         QC120B<	4504Q	72		79	620	24		30	C16004G	88	F4900HG	6	PB125S	120	TY211S	123
4505A/B       73       4638       19       6317       66       9363       30       C16007G       87       F4903HG       6       PB127SBU       120       TY273B         4505A/G       73       4638BK       18       6427       56       9373       30       C16010F       84       F4905HG       6       PB127SGY       120       TY203S         4505A/O       73       4639       18       6427R       56       9430       30       C16010G       84       F4910HG       9       PS1404       140       TY350S         4505A/Y       73       4639G       18       6487       56       9433       30       C16012F       87       F4920BK       9       PS1406       140       TY450S         4505Q       73       4639G/BK       18       6504       56       9440       30       C16012G       87       F4920SD       9       QC120B       126       TY454S         4505W       73       4640       19       6518       66       9441       30       C16013G       87       F4923       14       QC120S       126       TY657S         4506       72       4700       12       660       24 </td <td></td> <td>123</td>																123
4505A/G       73       4638BK       18       6427       56       9373       30       C16010F       84       F4905HG       6       PB127SGY       120       TY303S         4505A/O       73       4639       18       6427R       56       9430       30       C16010G       84       F4910HG       9       PS1404       140       TY350S         4505A/Y       73       4639G       18       6487       56       9433       30       C16012F       87       F4920BK       9       PS1406       140       TY450S         4505Q       73       4639G/BK       18       6504       56       9440       30       C16012G       87       F4920SD       9       QC120B       126       TY454S         4505W       73       4640       19       6518       66       9441       30       C16013G       87       F4923       14       QC120S       126       TY657S         4506       72       4700       12       660       24       9450       30       C16014F       88       F4930BK       7       QC122B       126       WRD910         4507       77       4707G       78       66NFW       25																123 123
4505A/O       73       4639       18       6427R       56       9430       30       C16010G       84       F4910HG       9       PS1404       140       TY350S         4505A/Y       73       4639G       18       6487       56       9433       30       C16012F       87       F4920BK       9       PS1406       140       TY450S         4505Q       73       4639GBK       18       6504       56       9440       30       C16012G       87       F4920SD       9       QC120B       126       TY454S         4505W       73       4640       19       6518       66       9441       30       C16013G       87       F4923       14       QC120S       126       TY657S         4506       72       4700       12       660       24       9450       30       C16014F       88       F4930BK       7       QC122B       126       WRD910         4507       77       4707G       78       66NFW       25       9451       30       C16014G       88       F4960       8       QC122S       126       WT1720RM/AF         4507Q       77       4707G       78       6797/R       25																123
4505A/Y     73     4639G     18     6487     56     9433     30     C16012F     87     F4920BK     9     PS1406     140     TY450S       4505Q     73     4639G/BK     18     6504     56     9440     30     C16012G     87     F4920SD     9     QC120B     126     TY454S       4505W     73     4640     19     6518     66     9441     30     C16013G     87     F4923     14     QC120S     126     TY657S       4506     72     4700     12     660     24     9450     30     C16014F     88     F4930BK     7     QC122B     126     WRD910       4507     77     4707     78     66NFW     25     9451     30     C16014G     88     F4960     8     QC122S     126     WRT1720RM/AF       4507Q     77     4707G     78     6817     58     9463     30     C16021F     84     FR1340     98     QC122S     126       4509Q     72     4715Q     78     6820     58     9473     30     C16022F     86     FR16002F     85     QC125S     126																123
4505W       73       4640       19       6518       66       9441       30       C16013G       87       F4923       14       QC120S       126       TY657S         4506       72       4700       12       660       24       9450       30       C16014F       88       F4930BK       7       QC122B       126       WRD910         4507       77       4707       78       66NFW       25       9451       30       C16014G       88       F4960       8       QC122S       126       WT1720RM/AF         4507       77       4707G       78       6797/R       25       9460       30       C16021F       84       F4980       11       QC122T       126         4508       72       4715       78       6817       58       9463       30       C16021G       84       FR1340       98       QC125B       126         4509Q       72       4715Q       78       6820       58       9473       30       C16022F       86       FR16002F       85       QC125S       126	4505A/Y	73	4639G		6487	56	9433	30	C16012F	87	F4920BK	9	PS1406	140	TY450S	123
4506       72       4700       12       660       24       9450       30       C16014F       88       F4930BK       7       QC122B       126       WRD910         4507       77       4707       78       66NFW       25       9451       30       C16014G       88       F4960       8       QC122S       126       WT1720RM/AF         4507 Ω       77       4707G       78       6797/R       25       9460       30       C16021F       84       F4980       11       QC122T       126         4508       72       4715       78       6817       58       9463       30       C16021G       84       FR1340       98       QC125B       126         4509 Ω       72       4715Ω       78       6820       58       9473       30       C16022F       86       FR16002F       85       QC125S       126																123
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4508     72     4715     78     6817     58     9463     30     C16021G     84     FR1340     98     QC125B     126       4509Q     72     4715Q     78     6820     58     9473     30     C16022F     86     FR16002F     85     QC125S     126																173
	4508	72	4715	78	6817	58	9463	30	C16021G	84	FR1340	98	QC125B	126		
4500CD 70 471CO 70 C007 F0 0505 70 040000 00 F0400000 05 00405T 400																
4509SP     72     4716Q     78     6827     58     9505     73     C16022G     86     FR16002G     85     QC125T     126       4510     73     4718     78     6837     66     9505A     73     C16032G     84     FR16004F     88     QC127S     126																
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