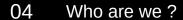


SEE REAL RESULTS IN WEEKS!

TAKE ACTION
MINIMIZE PRODUCTIVITY LOSSES

# **GLOVES & PROTECTION**

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## WHO ARE WE?

Since 1964, BCL Gloves manufacture and offers work gloves.

Using automations, we design lining and technical gloves with specialized fibers.

In collaboration with our overseas partners, we complete our range by distributing high-performance gloves meeting the needs of the Canadian market, while being keen to orffer products with a positive environmental impact.

Our brand, AKNA, inspired by our region, the Kamouraska, under a palindrome, like our hands, is garantee of our expertise in the field of hand protection.



#### **OUR PURPOSE**

PROTECT WORKER'S HANDS BY ENSURING THEIR WELL-BEING AND PRODUCTIVITY IN COLLABORATION WITH DISTRIBUTORS

### **★** BCL Gloves | Factory

21 Parc Industriel Saint-Pacôme, QC, G0L 3X0

**T**: 418-852-2098

**F:** 418-852-3330

✓ info@akka.ca

www.akka.ca

### **CONTACT-US**





# Your hands are your primary tool for work and so much more...



#### IT'S ESSENTIAL TO PROTECT THEM

Stop losing money to productivity loss, safety incidents, and employee turnover



Note that 35 % of work accidents are hand injuries



#### PIZZ & GLOVE

Because we love gloves! Let's share lunch together to discuss about your safety priorities and your hand safety.

Training seminars to inform and help your employees our your sales team

What are your needs / problems encountered? Together let's determine the right training for you! Here are some examples; to know existing standards on hand protection, materials and techniques used in glove design, corresponding gloves for different applications...



#### **VENDING MACHINE**

BCL offers glove packaging in pairs in your vending machines! We adjust to the client's needs; Plastic wrapping or folded pair of gloves.



#### **DEDICATED SALES TEAM**

- Take advantage of your technical advisor available for you!
  Whether for a request for information,
  Taking appointments, Joint company visits, Request for equivalence of products, etc ...
- Inside team to support you quickly 1-888-745-2552 info@akka.ca WWW.AKKA.CA



#### AUDIT PROGRAM

This program is carried out at the user's place.

This program improves the safety of the workers and reduced the accidents while increasing the productivity.

#### Simple and easy, AKKA:

- Will take note of each work plan
- Will analyze the most appropriate and economic protection
- Will propose the best solutions adapted to the needs
- Will supply proposed gloves on a trial basis, to validate their efficiency



#### **PROMOTIONAL TOOLS**

SAMPLES

The best way to advertise a product

As to compare "apples with apples"! We have to try the glove and understand what we have in our hands; its characteristics, its components...

In short, OFFER/HAVE THE RIGHT GLOVE for your needs!

PROMOTIONS

Between 6 and 8 promotions offered annually — fully customizable with your contact information and selling prices

- CATALOGUE AND TRANSACTIONAL WEBSITE
- FLYERS

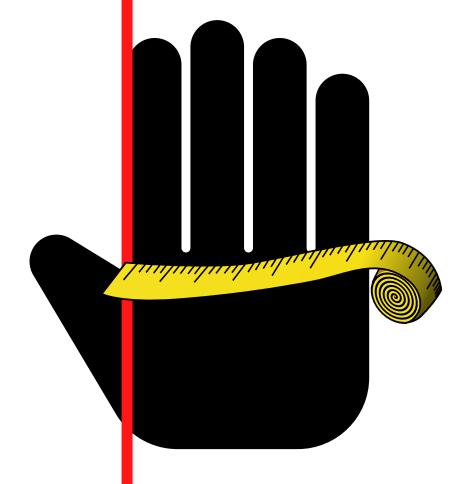
Various explanatory documents on the standards, product categories, etc.

PAIR-BY-PAIR LABELING

Labels applied directly to each pair. For a better display presentation and to make it easier to apply your prices and/or barcodes.

S003 CUSTOMIZED
 Customize our best-selling glove with your logo

Measure around your hand from your index finger to the base of your fingers



XS - 6	17-19 cm
S - 7	19-20 cm
M - 8	20-22 cm
L - 9	22-24 cm
XL - 10	24-26 cm
XXL - 11	26-28 cm
XXXL - 12	28-30 cm

<sup>\*</sup> There may be some variations depending on certain models

## **PICTOGRAMS**

































Innovative gloves made from graphene. Graphene is an allotropic form of carbon, consisting of a single layer of carbon atoms arranged in a flat hexagonal structure. It is the thinnest material ever discovered. These gloves offer an unbeatable combination of lightness, flexibility, and durability. Graphene, a remarkable material, provides several other properties to the product, such as comfort in various temperatures, usability on touchscreen devices, and optimal protection in the most demanding environments...



Gloves designed from recycled materials. Using recycled plastic bottles, a plastic-based yarn has been created for glove manufacturing. Up to 37% of recycled plastic can be found in the glove composition. By choosing our recycled gloves, you are opting for an eco-conscious and conscientious approach without compromising product quality.



TAEKI 5 is a high-performance fiber known for its high resistance to abrasion and cutting. It withstands contact heat and maintains its properties even when exposed to light, UV rays, or washing.



OEKO-TEX® STANDARD 100 CERTIFICATION assures you;

- A product that is not harmful to your health and your skin.
- A product that complies with a demanding international certification.
- A Sustainable Development product.



DERMATEST® CERTIFICATION is the guarantee of maximum efficiency and excellent skin tolerance, a guarantee of safety for the user. Lebon products have received the mention "EXCELLENT" following dermatological tests carried out by Dermatest®, proof of the attention paid to quality and well-being by the Lebon group.



ACTIVE SENSE RANGE: Which combines comfort with protection. By relying on our latest generation tools, LEBON innovates by creating a range that gives the glove a more comfortable effect and a feeling of well-being for the operator.



ECOLOGICAL RANGE; In accordance with the highest environmental and health protection requirements



Increased dexterity, fit and comfort are the dominant features offered by this range of gloves!

The importance of being well equipped to do your work with rigor and skill

Coating Technology\* – Essential for Professionals



#S400CP Sizes: 7 - 8/9 - 10

Dozen | 300 pairs/box | 22 lb

70% Polyester and 30% Cotton Gauge 10. Seamless Ambidextrous. Elastic cuff 400 grams / dozen

Ergonomic Fit | Enhanced Dexterity | Flexible and Comfortable **Shape Retention in Wet Conditions** 

APPLICATIONS: Fisheries, Construction, Agriculture, Manufacturing, Forestry, Logistics ...



#**So1B2** Sizes : 7 to 11

Dozen | 120 pairs/boxe | 13 lb

Polyester

Nitrile coated palm, fingers and a back part Seamless. Elastic cuff

Resistant to oils, greases, liquids and glue Very good resistance to abrasion 4/4 | Dexterity

APPLICATIONS: General mechanics, Construction, General handling, Agriculture, Forestry ...



**#SP3BK** Sizes: 7 to 11 \*

Dozen | 120 pairs/box | 15 lb

Polyester

PU Coating on Palm and Fingers Gauge 13. Seamless. Elastic Cuff

Lightweight and Breathable | Comfortable | Durability Excellent Dexterity in Dry or Lightly Oily Environments

APPLICATIONS: Finishing Work, Agriculture and Forestry, Automotive Industry, Packaging, Mechanical Work, Construction, Parts Sorting and Assembly ...

\*Sizes 7 & 8 come from the **PL6BK glove** (previous version of the glove)









#S003

Sizes: 6 to 12

Dozen | 144 pairs/box | 14 lb







\*Dimethylformamide (non-carcinogenic) free coating technology Exceptional grip, comfort and durability

Polyester

Nitrile rubber \* coated palm and fingers Gauge 13. Seamless. Elastic cuff

Excellent dexterity | Hypoallergenic | Light and breathable Resitance to greases and alcohols | Long durability Incredible grip on all surfaces

**APPLICATIONS:** Pulp and paper, General mechanics, Construction, Warehousing, Transport, Agriculture, Forestry, Landscaping, Fisheries ...

## NEWS PRODUCTS



#**S003M** Sizes: 7 to 11

Individually packed by pair, ready for vending machine use



#**S003V** Sizes: 8 to 10

The S003 glove with no inscription on the back of the hand.

Personalize it with your logo to create a glove that reflects your brand!

Various printing options are available with the S003 glove - Inquire for more details.











#So4SD Sizes: 7 to 11 Dozen | 120 pairs/ box | 15 lb

Nylon, Spandex, and Carbon







Micro Foam Nitrile Coating on Palm and Fingers Gauge 15. Seamless. Elastic Cuff

Antistatic | Touchscreen | Excellent Dexterity Undeniable Comfort | Flexibility

**APPLICATIONS:** Aerospace, Agriculture/Forestry, Electronics, Warehouse, Logistics, Transportation...



#**So1SD** Sizes: 7 to 11
Dozen | 120 pairs/ box | 15 lb

Polyester and Carbon PU Coating on Palm and Fingers Gauge 13. Seamless. Elastic Cuff

Antistatic | Touchscreen Excellent dexterity | Flexibility

**APPLICATIONS:** Aerospace, Agriculture/Forestry, Electronics, Warehouse, Logistics, Transport...



#RECP1 Sizes : 6 to 11
Dozen | 120 pairs/box | 13 lb

Polyester and Nylon - 37% Recycled Plastic per Pair PU Coating on Palm and Fingers Gauge 13. Seamless. Elastic Cuff

Flexibility and Comfort
Dexterity in Dry and Lightly Oily Environments









Featuring up to 37% recycled plastic per pair, this range offers an eco-conscious solution without compromising on quality or affordability.

APPLICATIONS: Mechanics, Construction, General Handling, Agriculture, Forestry...



#**S09** Sizes : 6 to 11 Dozen | 144 pairs/box | 7 lb

Microfiber Nylon Microfoam water PU coated and fingers Gauge 18. Seamless. Elastic cuff. Latex-free

**Leaves no trace** | Extra fine = Excellent dexterity Good grip | Light and breathable

**APPLICATIONS:** Inspection, Electronics, Packaging, Laboratory, General mechanics, Construction, Botanical ...





GENERAL HANDLING



More robust, this range of gloves offers you different fabrics, knits and coatings to meet your specific needs. Optimize your efforts, during medium to heavy work.

Comfort & Flexibility

## GENERAL HANDLING



#**S900CP** 

Sizes: 8 to 10

Dozen | 144 pairs/box | 9 lb

70% Polyester and 30% Cotton - Grey-Blue Color Gauge 7. Ambidextrous. Seamless. Elastic Cuff **900 grams per dozen** 

Flexible and Comfortable | Protection Against the Cold Retains Shape Even When Wet

**APPLICATIONS:** Fisheries, Construction, Agriculture, Manufacturing, Forestry, Logistics...



NEW



#**S900W** 

Sizes: 9 & 10

Dozen | 240 pairs/box | 30 lb

White knit, Gage 7 65 % Polyester and 35 % Cotton 900 grams/dozen. Ambidextrous Seamless. Elastic Cuff

Comfortable | Flexibility | Protection Against the Cold Durability | Retains its shape even when wet

**APPLICATIONS:** Basic glove for several activity sectors, such as Construction, Transport, Agriculture, Foundries, Logistics, Manufacturing, Forestry, Fisheries, Food transformation ...



#RECNW

Sizes : 6 to 12

Dozen | 120 pairs/box | 17 lb

Polyester Knit - 22% Recycled Plastic per Pair Full Red Nitrile Coating on the Hand Second Black Sandy Nitrile Coating on Palm and Fingers Gauge 15. Seamless. Elastic Cuff

Waterproof | Dexterity | Flexibility | Durability Superior Grip in Dry, Wet, and Oily Conditions

EN 388

#### RECYCLED SELECTION

Featuring up to 37% recycled plastic per pair, this range offers an eco-conscious solution without compromising on quality or affordability.

**APPLICATIONS:** Pulp and Paper, General Handling, Mechanics, Construction, Warehousing, Transportation, Agriculture, Forestry, Shipyard, Assembly...



## GENERAL HANDLING



#S1005G

Sizes : 7 to 11

Dozen | 120 pairs/box | 24 lb

Goatskin leather Category A-B. Keystone thumb

Excellent dexterity
Flexibility and comfort
Durability

**APPLICATIONS:** Construction, Drivers, Transport, Pulp and paper, General handling ...



#S7CSC

Sizes : 8 to 11

Dozen | 120 pairs/box | 50 lb

Cow leather. Cotton back
Thin cotton palm lining. 2" 3/4 cuff
Flexibility and comfort
Dexterity
Durability

**APPLICATIONS:** Construction, Drivers, Transport, Pulp and paper, General handling ...



#S3AE

Sizes : 7 to 11

Dozen | 120 pairs/box | 60 lb

Quality cow split leather Cotton back. 2" 3/4 cuff

Good resistance to abrasion Flexibility Freshness from cotton

**APPLICATIONS:** Construction, Drivers, Transport, Pulp and paper, General handling ...



#**F250**G

Sizes : 7 to 11

Dozen | 144 pairs/ box | 33 lb

**NEW** 



Goatskin leather on palm and fingers, grade AB Back in black polyester - Adjustable wrist with Velcro Labeled by the pair

**Touchscreen** | Fine Dexterity | Flexibility | Durability Form-fitting design, the leather softens and adapts to the hands

**APPLICATIONS:** Tool handling, Mechanicals, Construction, General work, Forestry, Transport ...

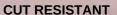


These properties stem from a unique atomic configuration of maximally active electrons in a stable lattice.



#### **THERMAL**

Helps keep hands at an optimal temperature by protecting them from heat while keeping them cool.



This fiber is resistant to various levels of cutting



#### BREATHABLE

Allows optimal airflow to keep hands cool and reduce sweating.

#### **TOUCHSCREEN**

Allows you to use touchscreens—phones and tablets—without having to take off your gloves!



much lighter.

It even earned the

Nobel Prize in

Physics in 2010!

#### **UNDENIABLE COMFORT**

Made from high-quality fibers, they play a crucial role in user comfort and performance. Their flexibility and suppleness provide high dexterity and reduce muscle fatique

# THE EXCELLENCE OF THE PRODUCT AND TECHNOLOGY

#### **Applications**

Aerospace, Construction, Metallurgy, Manufacturing, Plastics, Logistics, Assembly Plant, Electronics...

#### **3 MODELS AVAILABLE:**

# KO-100 → A1 # KO-400 → A4 # KOP-500 → A5



**CUT PROTECTION** 



Made of cut-resistant fibers.

Different levels are offered to you for adequate protection during your work in a high-risk environment.

Combining protection, dexterity and comfort!

ANSI A6
PROTECTION AGAINST SHOCKS AND IMPACTS...

## RATECT



#KO-100

Sizes: 7 to 12 \*

Dozen | 72 pairs/box | 8 lb



**EXPERTISE GRAPHENE** RANGE

**Durable material** that enhances the product with multiple features, including comfort across varying temperatures and reliable cut resistance ...

Knitted with GRAPHÈNE, polyester, and spandex. Sandy-finish nitrile coating on palm and fingers. 15-gauge. Elastic wrist. Seamless. Reinforcement between thumb and index finger.

Impeccable Dexterity | Undeniable Comfort | Thermal

Contact Heat resistance | Basic Cut resistance

APPLICATIONS: Aerospace, Construction, Metallurgy, Manufacturing, Plastics Industry, Pulp and Paper, Welding, Transportation, Agriculture, Laboratory, Mechanics...

\*Size 12: This is glove #KYO-100 - similar properties, food-safe, made from KYORENE knit.



#POWERFIT Sizes: 6 to 12

Ten | 200 pairs/box | 22lb

100 % high density polyethylene with elastane CLEAN PU coated palm and fingers Gauge 13. Seamless. Elastic cuff

Hypoallergenic | Non-toxic Absolute comfort | Very good abrasion resistance Cut resistant à la coupure | Impeccable Dexterity

APPLICATIONS: Handling of cutting parts, Glass and metal industry, Machine shops, Pulp and paper, Mining, Construction ...



#EASYFIT/SD

Sizes: 7 to 12

100% high density polyethylene with elastane and textured filament 100% polyamide HPPE, Spandex and Carbon wire CLEAN PU HD coated palm and fingers Gauge 13. Seamless. Elastic cuff

Non-toxic (CLEAN PU) | Antistatic Touchscreen | Comfortable | Durability Cut resistant | Excellent Dexterity

**APPLICATIONS:** Handling of cutting parts, Glass industry, Mechanics and industrial maintenance, Installation and assembly work, Rubber and plastic industries, Automotive, Metallurgy ...



#G18N2SD

Sizes: 7 to 12

Dozen | 72 pairs/box | 9 lb

Knitted with HPPE, carbon, fiberglass, and nylon. Microfoam nitrile coating on palm and fingers. Reinforcement between thumb and index finger. 18-gauge. Seamless design. Elastic wrist.

Super Lightweight | Fine Dexterity, Fits Your Hand | Antistatic Touchscreen | Contact Heat Resistance | Comfortable Long-lasting = ANSI Level 5 Abrasion | Excellent Grip Cut Resistant | Repels Water, Oil, and Grease

**APPLICATIONS:** Pulp and Paper, Forestry, Carpentry, Construction, Electronic Assembly Plants, Manufacturing, Plastics Industry, General Handling...

















## CUT PROTECTION



#**S005** Sizes : 6 to 12 Dozen | 72 pairs/ box | 11lbs

Dyneema knit including fiberglass Nitrile rubber coated palm and fingers Gauge 10. Elastic cuff

Cut resistant | Exceptional grip | Comfortable Excellent dexterity | Very good resistance to abrasion Hypoallergenic | Flexibility

**APPLICATIONS:** Handling of cutting parts, Pulp and paper, Sawmills, Glass and metal industry, Machine shops, Construction, Agriculture ...



\*Dimethylformamide (non-carcinogenic) free coating technology Exceptional grip, comfort and durability



#SOLUTION-T5 Sizes: 8 to 11

Dozen | 120 pairs/box |

21lb *Clearance* 













100% TAEKI 5 knit Light HCT nitrile coated palm and fingers Elastic cuff

Cut resistant | Greases resistant Resistant to sparks and heat contact Very good resistant to abrasion

**APPLICATIONS:** Handling of cutting parts, Pulp and paper, Mining, Grinding, Glass and metal industry, Light welding work, Machine shops, Construction ...



#RECP3

Sizes: 6 to 12

Dozen | 120 pairs/ box | 17 lb

Knitted Recycled Polyester, HDPE, spandex and fiberglass - 25% recycled plastic per pair. PU coating on palm and fingers.

13-gauge. Seamless. Elastic wrist

ANSI A3 Cut resistant | Dexterity Flexibility | Breathable | Durability

A3 (SEN 388)



## RECYCLED SELECTION

Featuring up to 37% recycled plastic per pair, this range offers an eco-conscious solution without compromising on quality or affordability.

on quali affordab

**APPLICATIONS:** Metal and glass industry, inspection, construction, warehouse and logistics, agriculture, forestry, assembly, general handling..



#RECP4 Sizes : 7 to 11
Dozen | 120 pairs/ box | 17 lb

Knitted Recycled Polyester and fiberglass

15% recycled plastic per pair

PU coating on palm and fingers

13-gauge. Seamless. Elastic wrist

ANSI A4 cut resistant | Dexterity Flexibility | Breathable | Durability



## RECLYCLED SELECTION

Featuring up to 37% recycled plastic per pair, this range offers an eco-conscious solution without compromising on quality or affordability.

**APPLICATIONS:** Metal and glass industry, inspection, construction, warehouse and logistics, agriculture, forestry, assembly, general handling...

## CUT PROTECTION



## #MASTERBLACK/SD Sizes: 7 to 11

Ten | 200 pairs/ box | 30lb Clearance

100% high density polyethylene with elastane, mineral yarn and textured filament 100% polyamide Spandex and Carbon wire CLEAN PU HD coated palm and fingers

Gauge 13. Seamless. Elastic cuff

Cut resistant | Antistatic
Touchscreen | Spectacular grip

Excellent abrasion resistance: more than 40 000 cycles:

The TOP of the durability!

**APPLICATIONS:** Handling of cutting parts, Pulp and paper, Mining, Grinding, Plumbing, Public works, Glass and metal industry, Machine shops, Construction, Ventilation ...



#**KO-400** Sizes : 6 to 12 Dozen | 120 pairs/box | 15 lb

**GRAPHENE** knit, HPPE, Nylon, and Spandex Sandy-finish nitrile coating on palm and fingers **Reinforcement between thumb and index finger** 15-gauge. High-visibility elastic wrist

Cut resistant | Dexterity | Undeniable Comfort Touchscreen | Breathable | Good grip | Durability | Thermal

**APPLICATIONS:** Aerospace, construction, metallurgy, manufacturing, plastic and glass industries, logistics, general handling, pulp and paper..



4X43D

9.38 x

EXPERTISE

GRAPHENE

Durable material that enhances the product with multiple features, including comfort across varying temperatures and reliable cut resistance ...

## SLEEVES – SLEEVES – SLEEVES



#SMT5-14

Length 14 inches
Ten | 50 pairs/box | 14 lbs

#SMT5-18

Length 18 inches
Ten | 50 pairs/ box | 17 lbs

**#SMT5-22** 

Length 22 inches
Ten | 50 pairs/ box | 23 lbs













100 % TAEKI 5 knit 1 ply, Thum hole, Gauge 10

Wrist and arm protection | Thermal Contact heat resistant | Visibility Intermediate Cut resistant Comfort and flexibility

**APPLICATIONS:** Glass, automotive, plastic and metallurgy industry, Assembly work, Foundry and industrial maintenance, Pulp and paper, Mining, Construction ...

# RANGE G18 ULTRA COMFORT

A WINNING COMBINAISON COMFORT, DEXTERITY & CUT PROTECTION

The higher the gauge, the thinner the glove, ensuring optimal performance for the worker!





The lightness of the 18-gauge knit offers workers **excellent comfort and remarkable flexibility.** These gloves mold to the shape of the hand, creating a second-skin effect



The fine textile provides **enhanced dexterity** and great freedom of movement, without causing fatigue and without compromising on durability.



Certified **antistatic and ESD-compliant**, these gloves are compatible with all types of touchscreens and protect against electrostatic discharge (ideal for electronics, automotive, aerospace industries, etc.)





**Resistant to contact heat**, the worker can handle an object at 250 °C for at least 15 seconds





The micro-foam nitrile coating gives the glove a **high abrasion resistance** rating of 5/6, along with **excellent grip**. The reinforced area between the thumb and index finger adds extra durability





This range includes three cut resistance levels — ANSI A2, A5, and A7 designed to meet every level of risk and application.





#KOP-500 Sizes : 6 to 12

Dozen | 120 pairs/ box | 15 lb

**GRAPHENE** knit, HPPE, Nylon and Spandex PU coated palm and fingers Gauge 13. Seamless. Elastic cuff

Cut resistant | Undeniable Comfort | Thermal Breathable | Touchscreen | Good dexterity

APPLICATIONS: Aerospace, construction, metallurgy, manufacturing, plastic and glass industries, logistics, general handling, pulp and paper..



## **EXPERTISE**

GRAPHENE RANGE

**Durable** material that enhances the product with multiple features, including comfort across varying temperatures and reliable cut resistance...



#G18N5SD Sizes: 7 to 12

Dozen | 72 pairs/box | 10 lb

Knitted HPPE, carbon, steel, and polyester. Microfoam nitrile coating on palm and fingers. Reinforcement between thumb and index finger 18-gauge. Seamless. Elastic wrist

Ultra-lightweight | High dexterity, fits like a second skin Touchscreen | Resistant to contact heat | Antistatic Comfortable | Long lifespan - ANSI Abrasion Level 5 Excellent grip | Cut resistant | Repels water, oil, and grease

**APPLICATIONS:** Aeronautics, Door and Window Industry, Pulp and Paper, Metallurgy, Construction, Electronics, Manufacturing, Plastics Industry, Plumbing, Manufacturing ...



#STEELGRIP

Sizes: 7 to 11

Ten | 200 pairs/box | 32lb 📒

Clearance







Filament 100 % Textra@Inox knit with elastane CLEAN PU coated palm and fingers Gauge 13. Elastic cuff

Cut resistant | Touchscreen Resistant to contact heat Durability | Dexterity | Hypoallergenic

APPLICATIONS: Handling of cutting parts, Pressing and stamping, Pulp and paper, Mining, Public works, Glass and metal industry, Machine shops, Construction ...



#STEELFIT

Sizes: 8 to 12

Ten | 200 pairs/box | 28lb | Clearance

100% stainless steel filament and 100% high density polyethylene filament and 100% textured polyamide yarn with elastane. CLEAN PU HD coated palm and fingers Gauge 13. Seamless. Elastic cuff

Cut resistant Hypoallergenic | Touchscreen Durability | Dexterity

APPLICATIONS: Handling of cutting parts, Pressing and stamping, Metallurgy, Pulp and paper, Mining, Glass and metal industry, Machine shops, Construction, Mechanical and rubber industry...

















#RECP5 Sizes : 6 to 12

Dozen | 120 pairs/box | 17 lb

Recycled polyester knit, HDPE, Spandex, Nylon, Stainless steel and fiberglass - 24 % recycled plastic per pair. PU coated palm and fingers 13 Gauge. Seamless. Elastic wrist

ANSI A5 cut resistant | Dexterity | Durability Touchscreen | Flexibility | Breathable



#### RECLYCLED **SELECTION**

Featuring up to 37% recycled plastic per pair, this range offers an eco-conscious solution without compromising on quality or affordability.

APPLICATIONS: Metal and glass industry, Inspection, Construction, Warehouse and Logistics, Agriculture, Forestry, Assembly, General handling ...



#RECP6 Sizes: 6 to 12 Dozen | 120 pairs/box | 17 lb

HPPE knit and fiberglass -14 % recycled plastic per pair. PU coated palm and fingers 13 Gauge. Seamless. Elastic wrist

ANSI A6 cut resistant | Dexterity | Durability Touchscreen | Flexibility | Breathable





#### RECLYCLED **SELECTION**

Featuring up to 37% recycled plastic per pair, this range offers an eco-conscious solution without compromising on quality or affordability.

**APPLICATIONS:** Metal and glass industry, Inspection, Construction, Warehouse and Logistics, Agriculture, Forestry, Assembly, General handling ...



#S006P4 Sizes : 7 to 12 Dozen | 144 pairs/ box | 14lb

HPPE knit / Stainless steel Nitrile rubber coated palm and fingers Gauge 13. Elastic cuff

Cut resistant | Excellent grip | Dexterity Excellent resistance to puncture 4/4 ← Durability | Comfort | Hypoallergenic







\* Dimethylformamide (non-carcinogenic) free coating technology Exceptional grip, comfort and durability

APPLICATIONS: Handling of cutting parts, Automotive Assembly, Agriculture, Pulp and paper, Glass and metal industry, Machine shops, Construction, General maintenance ...



#SDA6P Sizes: 8 to 11

Dozen | 120 pairs/box | 45 lb 5 Clearance

HPPE knit (high performance polyethylene) Fiberglass and cut-resistant polyester. 13 Gauge. Coated with micro foam nitrile. Rough finish. Reinforcement between thumb and index finger.

TPR reinforcements above the hand = In PVC, ecological, without impurity or particular smell

Cut resistant | Against shocks Dexterity | Flexibility | Comfort | Durability

APPLICATIONS: Handling of cutting parts, Aerospace, Pulp and paper, Mining, Public works, Glass industry, Machine shops, Construction, Plumbing, General carpentry, Manufacturing of metals and plastics, Automotive ...











#SX6FA

Sizes: 7 to 11

Dozen | 120 pairs/box | 15 lb

HPPE knit, Fiberglass and Steel No coating. Ambidextrous 13-gauge. Seamless. Elastic wrist

Food compliant | Incredible dexterity High cut resistance | Touchscreen Flexibility and comfort | Snug fit | Durability

APPLICATIONS: Metal and glass industry, Inspection, Food processing and handling, Agriculture ...



#SR6G

Sizes: 7 to 11

Dozen | 120 pairs/box | 15 lb

HPPE, Fiberglass, and Steel knit with twisted cotton yarns Silicone coating on palm and fingers 13-gauge. Seamless. Elastic wrist

Leaves no mark, print, or residue Outstanding grip | High cut resistance Maintains flexibility down to -60°C Excellent dexterity | Excellent durability

APPLICATIONS: Glass, plastic, solar panel, and rubber industries; Door and window assembly ...



**G18N7SD** Sizes: 7 to 12 Dozen | 72 pairs/box | 11 lb

18-gauge. Seamless. Elastic wrist

HPPE, Carbon, Steel, and Polyester knit Micro-foam nitrile coating on palm and fingers. Reinforcement between thumb and index finger

Ultra-light | Fine dexterity, hugs your hand | Touchscreen Resists contact heat | Antistatic | Comfortable Long-lasting = ANSI 5 Abrasion | Excellent grip Cut resistant | Repels water, oil, and grease

**APPLICATIONS:** Aerospace, Stamping and manufacturing, Metal recycling, Equipment and automotive manufacturing, Carpentry, Sheet metal work, Pulp and paper, Electronics, Manufacturing, Plastic industry...

Clearance



#SDA9

Sizes: 9 to 11

Dozen | 120 pairs/box | 30lb

HPPE knit (high performance polyethylene) with fiberglass and polyester. Gauge 13. Coated with micro foam nitrile on palm and fingers Reinforcement between thumb and index finger. Elastic cuff

Highest cut resistance | Dexterity | Comfort Excellente Durability | Grip | Flexibility

APPLICATIONS: Handling of cutting parts, Aerospace, Pulp and paper, General carpentry, Mining, Glass industry, Machine shops, Construction, Manufacturing of metals and plastics, Automotive, Plumbing ...





























#SO2TK

Sizes: 7 to 11

Dozen | 144 pairs/box | 16 lb









Polyester knit, 13-gauge. Sandy nitrile coating on palm and fingers. Fleece lining integrated into the glove, preventing the liner from pulling out

Cold protection | Flexibility Excellent dexterity | Comfortable

**Basic cut protection** 

APPLICATIONS: Outdoor work, General handling, Refrigeration, Transportation, Agriculture, Forestry, Mechanics, Construction ...



#So5DM

Sizes : 7 to 11

Dozen | 72 pairs/box | 26 lb



Polyester and fiberglass knit Sandy nitrile coating on palm and fingers Looped acrylic lining

Cold protection | TOUTCHSCREEN Flexibility | Dexterity Comfortable | Durability

**HIGH** cut protection

APPLICATIONS: Outdoor work, Handling of sharp parts, Glass industry, Refrigeration, Transportation, Agriculture, Forestry, Mechanics, Construction ...



#SDW5

Sizes: 8 to 11

Dozen | 120 pairs/box | 40 lb

Polyester knit - 15 gauge. Double coating: Full latex coating. Sandy latex coating on palm and fingers.

Acrylic lining

Cold protection | Waterproof | Touchscreen Dexterity | Good grip | Flexibility

**HIGH** cut protection

APPLICATIONS: Outdoor work, Handling of sharp parts, Glass industry, Refrigeration, Transportation, Agriculture, Forestry, Mechanics, Construction ...



#SR26

Sizes : 7 to 12 Dozen | 72 pairs/box | 24lb

Nylon, Spandex, HPPE and Fiberglass - 13 gauge Fully coated with PVC with sandy nitrile finish on palm and fingers Total length: 30 cm (12 inches)

Waterproof | Food compliant | Dexterity Resistant to multiple chemicals Cold protection | Flexibility













HIGH cut protection

APPLICATIONS: Handling of sharp parts, Food industry, Aerospace, Energy, Utilities, Mechanics, Construction, Cleaning, Fisheries, Pulp and paper, Mining, Plastics and glass industry, Sawmills ...

UTILITIES



Manufacturer since 1964, BCL has developed recognized expertise in gloves for the energy transmission sector.

Designed and manufactured to high-quality standards, our premium leather gloves provide dexterity, flexibility, durability, comfort, and protection for optimal work performance

WATER AND OIL RESISTANT LEATHER

## UTILITIES

Water and oil repellent cowhide leather | Kevlar thread | Wing thumb | Hi-Viz cuff Respect North American standards | Artery protector | Durability | Quality and flexibility of the leather Thickness of the palm la paume : 1.2 to 1.4 mm. | Thickness of the back : 1 to 1.2 mm.



APPLICATIONS: Linemen, Tree trimmers, Electricians, General work, Welding, Forestry ...















#### ARC FLASH AND CUT PROTECTION





**NEW** 



#ATPV6 Sizes: S to XL

Dozen | 72 pairs/box | 30 lb

Neoprene with 7-gauge aramid and cotton lining. 100% cotton wrist binding.

Total length: 32 cm



ATPV rating up to 8 cal/cm2 to reduce risks associated with arc flash Resistant to oils, greases, and multiple chemicals High cut resistance | Cold resistant | Waterproof High flexibility | Durability | Dexterity

APPLICATIONS: Electrical and public works, Petrochemical industry, Industrial maintenance, Construction, Aerospace ...



## NTISTATIC AND CUT PROTECTION







#EASYFIT/SD

Sizes: 7 to 12

Ten | 200 pairs/box | 25lb Clearance

100% high density polyethylene with elastane and textured filament 100% polyamide HPPE, Spandex and Carbon wire CLEAN PU HD coated palm and fingers Gauge 13. Seamless. Elastic cuff

Non-toxic (CLEAN PU) | Antistatic Touchscreen | Comfortable | Durability Cut resistant | Excellent Dexterity



APPLICATIONS: Handling of cutting parts, Mechanics and industrial maintenance, Installation and assembly work, Rubber and plastic industries, Automotive, Metallurgy, Glass industry ...



#### #MASTERBLACK/SD Sizes: 7 to 11

Ten | 200 pairs/box | 30 lb / Clearance

100% high density polyethylene with elastane, mineral varn and textured filament 100% polyamide Spandex and Carbon wire CLEAN PU HD coated palm and fingers Gauge 13. Seamless. Elastic cuff

Cut resistant | Antistatic Touchscreen | Spectacular grip

Excellent abrasion resistance: more than 40 000 cycles:

The TOP of the durability!

APPLICATIONS: Handling of cutting parts, Pulp and paper, Mining, Grinding, Plumbing, Public works, Glass and metal industry, Machine shops, Construction, Ventilation ...



Welding gloves engineered to deliver safety, comfort, and top performance for both MIG and TIG applications



#SB14 Size: 10 (XL)

Dozen | 60 pairs/box | 40 lbs

Split leather Reinforcing leather piping at seams 100 % coton lining Total length 14"

Flexibility | Durability Heat protection

APPLICATIONS: MIG welding work, BBQ ...



#**S418CSV-5** Sizes: 9 to 11

Dozen | 72 pairs/box | 32 lb

Cow leather palm Split leather back Split leather cuff 5" with velcro

Dexterity | Adjustment Flexibility and comfort | Durability

**APPLICATIONS:** Welding and assembling work, Foundry, Aluminum smelter ...



#**S418CSV-5S** Sizes: 8 to 11

Dozen | 72 pairs/box | 32 lb

Cow leather palm Split leather back Split leather cuff 5" with velcro WITH GUSSET

Dexterity | Adjustment Flexibility and comfort | Durability

**APPLICATIONS:** Welding and assembling work, Foundry, Aluminum smelter ...



**#S202CS** Sizes: S to L

Dozen | 72 pairs/box | 26 lb Clearance

Cow leather palm Split leather back Water and oil resistant quality leather Kevlar thread Split leather cuff 4"

Flexibility Durability

APPLICATIONS: Welding, Assembling work ...



#S7CSE-4 Sizes: M to L

Dozen | 72 pairs/box | 30 lb Clearance

Buffalo leather palm Split leather back Kevlar thread Split leather cuff 4"

Durability

APPLICATIONS: Welding, Assembling work ...



#**S204** Size : 10 (XL)

Dozen | 120 pairs/box | 38 lb Clearance

Goatskin leather Kevlar thread Split leather cuff 4"

Excellent Dexterity

Extreme flexibility | Adjustment

APPLICATIONS: TIG welding, Assembler ...



#**S206** Sizes : 8 to 11 Dozen | 72 pairs/ box | 30 lb

Cow leather Kevlar thread Split leather cuff 6"

Excellent Dexterity | Comfort
Extreme flexibility | Adjustment

APPLICATIONS: TIG welding, Assembling work ...



#**S9TGG** Saizes : 7 to 11
Dozen | 72 pairs/ box | 35 lb

Goatskin grain leather Thumb reinforcement strap 4" split leather cuff

Dexterity Flexibility | Comfort

APPLICATIONS: TIG-MIG welding, Assembling work ...



#GT350/DA

Natural cow split leather

Size: 10 (XL)











Lined with 100% para-aramid knitting 100 % para-aramid sewing thread Cow split leather cuff 6"

Cut resistant Heat resistant | Durability Good resistance to abrasion and puncture

APPLICATIONS: Mechanics and industrial maintenance, Building and public works, , Production and automotive subcontracting, Manufacturing and processing of glass, Welding works ...



#2CK14D Size: Mixed

Dozen | 36 pairs/box | 6 lbs Clearance



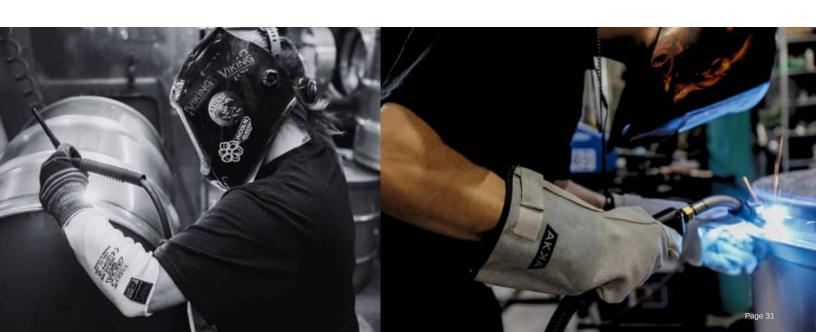
Mix of liners at economical prices Kermel, Viscose FR and Thermolite knit Seamless. Elastic cuff. Light imperfections

Heat and cold resistant

Dexterity | Adjustment

Flexibility | Comfort

**APPLICATIONS:** Works of welder, Assembling work, Food Processing, Refrigerated Warehouse, Construction...



HEAT PROTECTION



Our selection of work gloves is specially designed for handling moderately hot parts. Offering the perfect balance of protection, dexterity, and comfort, they effectively meet your needs without compromising performance.

STANDARD EN 12477-TYPE A FOR HEAT RESISTANCE



#2C-K12P5 sizes : 7 to 10

Dozen | 72 pairs/box | 10 lb

Seamless, Ambidextrous, Elastic cuff

Kermel, Viscose FR and Thermolite Fireproof knitting

Excellent flame resistance: Superior Level 4 Radiant heat resistance | Cold resistance Repels moisture and keeps hands dry | Dexterity

APPLICATIONS: Energy transmission, Electricians, Handling of hot parts, Welding work, Metallurgy and Foundry, Petrochemical industry, Outdoor work ...



#ANT/D/P15

Liner / Glove

Sizes: 10 and 11

Ten | 25 pairs/box | 24 lbs





Heat resistant treated cow split leather Split leather cuff 6 inches. Seams in 100% para-aramid yarn Lined with 100% wool fleece

Heat resistant

EN12477-Type a standard

High flexibility: In spite of the brightness of the heat, the leather remains supple

APPLICATIONS: Metallurgy, Handling hot parts, Welding work, Foundry ...



#SOLUTION-T5 Sizes: 8 to 11

Dozen | 120 pairs/ box | 21lb | Clearance

100% TAEKI 5 knit Light HCT nitrile coated palm and fingers Elastic cuff

Cut resistant | Greases resistant Resistant to sparks and heat contact Very good resistant to abrasion

APPLICATIONS: Handling of cutting parts, Pulp and paper, Mining, Grinding, Glass and metal industry, Light welding work, Machine shops, Construction ...













COLD PROTECTION



these flexible and comfortable work gloves. They ensure dexterity even in the harshest environments. Their built-in touchscreen functionality lets you use your devices without ever removing your gloves. Stay efficient and warm in any situation!

-ULL HAND COATING WARM AND WATERPROOF

## COLD PROTECTION



#3C-K5P4 Sizes : S to XL

Dozen | 72 pairs/ box | 12 lb



Liner / Glove. Seamless. Ambidextrous 100 % Thermolite. Weight: 24 grams. Elastic cuff

Repel humidity and keep the hands dry Increases blood circulation

Warmer than wool: cold resistant

Comfortable | Dexterity

**APPLICATIONS:** All work requiring cold resistant: Automotive industry, Food processing, General handling, Metal products processing, Dairy industry, Refrigeration ...



#So2DM Sizes: 7 to 11
Dozen | 72 pairs/box | 19 lb

Polyester knit. Crinkled latex coating on palm and fingers. Terry cloth fleece lining. Elastic cuff. Gauge 13

Cold resistant | Flexibility Excellent dexterity | Comfortable

APPLICATIONS: Outside work, General handling, Refrigeration ...



#So2TK Sizes : 7 to 11
Dozen | 144 pairs/box | 16 lb

Polyester knit. Gauge 13 Sandy nitrile coating on palm and fingers. Integrated fleece lining → prevents the liner from pulling out

Cold resistant | Flexibility
Excellent dexterity | Comfortable

**Basic cut protection** 

**APPLICATIONS:** Outdoor work, General handling, Refrigeration, Transportation, Agriculture, Forestry, Mechanical work, Construction...



#**So5DM** Sizes : 7 to 11
Dozen | 72 pairs/box | 26 lb

Polyester and fiberglass knit. Sandy nitrile coating on palm and fingers. Looped acrylic lining

Cold resistant | TOUCHSCREEN
Dexterity | Durability | Flexibility

**High cut protection** 

**APPLICATIONS:** Outdoor work, General handling, Refrigeration, Transportation, Agriculture, Forestry, Mechanical work, Construction...







## COLD PROTECTION



#SDW5 Sizes: 8 to 11

Dozen | 120 pairs/box | 40 lb









15-gauge polyester knit 2 coating layers: Full-hand latex coating Sandy latex on palm and fingers Acrylic lining

Cold resistant | Waterproof | Touchscreen Dexterity | Good grip | Flexibility

**High cut protection** 

APPLICATIONS: Outdoor work, General handling, Refrigeration, Transportation, Agriculture, Forestry, Mechanical work, Construction...



#SDW2 Sizes: 7 to 12

Dozen | 120 pairs/box | 30 lb

Polyester knit, Gauge 15. Lined in Fleece, Gauge 7.

2 layers of coating:

1st: Latex with a smooth finish on the entire hand.

2nd: Rough latex palm and fingers

Elastic cuff

Cold resistant | Waterproof | Good grip Dexterity | Comfortable | Flexibility | Adjusted

APPLICATIONS: Outdoor works, Refrigeration, Precise operations, Public Works, Pulp and Paper, Mining, Construction, Transport...



**#S**022 Sizes: 8 to 11 Dozen | 72 paire/box | 42 lb

Triple-layer PVC and NBR (rubberized nitrile / Latex-free) Palm rough finish

Acrylic fleece lining. Gauge 10. Lenght 30 cm (12")

Cold resistant | Waterproof | Food compliant Keeps its flexibility in contact with the cold | Adjusted Resistant to several chemicals | Durability

APPLICATIONS: Chemical treatment, Oil dans gas industries, Fisheries, Mining, Public and general works, Cleaning and handling of greasy parts, Agriculture ...



#**SR23** Sizes: 8 to 11

Dozen | 72 pairs/ box | 40 lb Clearance

Triple coated with polyurethane combined with a thermal liner This glove is breathable while trapping heat inside and repelling moisture. Total length 30cm

Flexible down to -30 C | Waterproof Food compliant | Durability









APPLICATIONS: Fisheries, Mining, Mechanical, Public and general works, Food industry, Agriculture, Transport, Construction ...

### COLD PROTECTION



#**S7DT** Sizes: 8 to 11

Cow grain leather. Cotton back

Dozen | 72 pairs/box | 38 lbs

\_\_\_\_\_\_**\*** 

2 ¾" cuff Lined Polyester lining with high performance and warmth

Wicks away moisture and keeps hands warm Excellent leather quality
Durability | Flexibility

**APPLICATIONS:** Outdoor work, General handling, Construction, Transport, Mining, Pulp and Paper, Agriculture, Utilities ...



#**S7DB** Size : 11 6 pairs | 72 pairs | 40 lb

Full grain cowhide leather. Cotton back **BOA lining** 2 34" cuff

Cold resistant | Comfort Flexibility | Durability

**APPLICATIONS:** Outdoor work, General handling, Construction, Transport, Mining, Pulp and Paper, Agriculture, Utilities ...



#S1005CD Sizes: 8 to 11
Dozen | 120 pairs/box | 42 lb

Cow grain leather. Red polyester lining. Driver style

Cold resistant | Excellent leather quality Flexibility | Durability

**APPLICATIONS:** Outdoor work, General handling, Construction, Transport, Mining, Pulp and Paper, Agriculture, Utilities ...



#**SN168DT-5** Sizes: S to XL

Dozen | 72 pairs/box | 49 lb

Water and oil resistant cow grain leather
Outer seams. Kevlar threads
5" High-visibility cuff. Sewn-in fireproof thermal liner # 2C-K12P5 (page 31)

Cold resistant | Water and oil resistant Excellent leather quality | Flexibility | Durability

**APPLICATIONS:** Linemen, Tree trimmers, Electricians, General work, Welding, Forestry, Outside works ...







New technological innovations in terms of materials and coatings have made this series gloves that meet the highest standards of chemical and food standards.

MPERMÉABLE - FLEXIBLE -DEXTÉRITÉ ET ALIMENTAIRE

### CHEMICAL RESISTANT & FOOD HANDLING



#BF6EB







Nitrile full dipped

100% cotton interlock liner. Total length 30 cm



High levels of grip in Oil, wet and dry environments

Chemical protection | Waterproof | Comfort | Food compliant

**APPLICATIONS:** Heavy duty mechanical, Degreasing, Automotive assembly, Mining, Petrochemical refining, Manufacture of paints varnishes, Chemical processing and handling, Transportation of mineral oils, Metal fabrication, Agriculture, Food industry ...



#**SO19** Sizes : 8 to 11 Dozen | 72 pairs/box | 25 lb



Triple-layer PVC and NBR (rubberized nitrile / Latex-free) 3 gauge seamless cotton liner Palm rough finish. Total length 30 cm (12")

Extreme flexibility | Excellent grip | Waterproof Resistant to several chemicals | **Food compliant** 

**APPLICATIONS:** Chemical processing, Oil and gas industry, Fisheries, Public works and general labor, Cleaning and handling of greasy parts, Food industry...



#**SO17** Sizes : 6 to 11 Dozen | 72 pairs/box | 25 lb

Triple PVC coating Rough finish at palm and fingers Total length 12 " ( 30 cm )

Waterproof | Excellent grip Resistant to several chemicals | **Food compliant** 



APPLICATIONS: Food processing, Fisheries, Energy / Utilities, Laboratory / Pharmaceutical, Mechanical / Construction, Cleaning, Pulp & Paper / Mining, Petrochemical / Plastic...



#**SR26** Sizes : 7 to 12 Dozen | 72 pairs/box | 24 lb

Nylon, Spandex, HPPE, Stainless steel and Fiberglass - Gauge 13 PVC coating with sandy nitrile coated palm Total length 30 cm (12 inches)

Waterproof | Food compliant Cold protection | Dexterity Resistant to several chemicals



High cut protection

**APPLICATIONS:** Agriculture, Forestry, Aerospace, Chemical treatment, Fisheries, Food industry, Mechanical, Construction, Oil and gas industries, Pulp and paper, Mining, Sawmills, Utilities, Public work ...



#**SX6FA** Sizes : 7 to 11 Dozen | 120 pairs/ box | 15 lb

HPPE, Fiberglass and steel knit. No coating 13 gages. Seamless. Elastic wrist

Food compliant | Ultimate Dexterity
Flexibility and comfort | Fitted| Touchscreen



High cut protection

**APPLICATIONS:** Agriculture, Food processing plants, Glass handling, Inspection, Sheet metal work assembly, Slaughtering and skinning ...

### PROTECTION CHIMIQUE ET ALIMENTAIRE



#**SO22** Sizes: 8 to 11
Dozen | 72 paire/box | 42 lb

Triple-layer PVC and NBR (rubberized nitrile / Latex-free)
Palm rough finish

Acrylic fleece lining. Gauge 10. Lenght 30 cm (12")

Cold resistant | Waterproof | Food compliant Keeps its flexibility in contact with the cold | Adjusted Resistant to several chemicals | Durability

**APPLICATIONS:** Chemical treatment, Oil dans gas industries, Fisheries, Mining, Public and general works, Cleaning and handling of greasy parts, Agriculture ...



#**SR23** Sizes: 8 to 11

Triple coated with polyurethane combined with a thermal liner This glove is breathable while trapping heat inside and repelling moisture.

Total length 30cm

Flexible down to -30 C | Waterproof Food compliant | Durability

**APPLICATIONS:** Fisheries, Mining, Mechanical, Public and general works, Food industry, Agriculture, Transport, Construction ...



#RF9OR Sizes : 7 to 11

Dozen | 72 pairs/box | 36 lb Clearance

Sturdy natural rubber. 100 % cotton lining Reinforced palm with ribbed finish without sticky finish Total length 35 cm. Thickness of the palm 1.6 mm

Thermal insulation | Food compliant Excellent grip for handling slippery and abrasive objects Resistant to several chemicals

**APPLICATIONS:** Food industry, Fisheries and agrochemicals, Janitorial, Pulp & Paper, Mining, Handling of small greasy and oily parts and mechanical components... ...



#**S018** Size : 10

Dozen | 72 pairs/box | 40 lb | Clearance

PVC

Cotton jersey lining Palm rough finish Total length 35 cm (14 inches)

Excellent abrasion resistant Good grip | Waterproof Resistant to several chemicals

**APPLICATIONS:** Agriculture, Forestry, Cleaning and handling of greasy parts, Chemical treatment, Fisheries, Mechanical, Construction, Oil and gas industries, Pulp and paper, Mining, Utilities, Public work ...



































# PROTECT YOUR HANDS WITH THE RIGHT GLOVE, BUT UNDER THE GLOVE?



**Restorative** 

**Moisturizing** 

**Protective** 

Non irritating

Deodorant

Natural

**Astringent** 

**Absorbent** 



HAND CREAM FOR WORKERS

A88A



# 08801
Tube of 100 ML (3.4 fl oz)
12 tubes in each box display
6 boxes per pack | 18 Lbs

A cream that penetrates immediately and does not leave an oily finish. Which hydrates you and tightens your pores in addition to activating the repair of your tissues.

# ANS CUT LEVEL



200 - 499 grams **BASIC**:

Cut Hazard

Wood / paper, warehouse, General carpentry, construction, general purpose small parts assembly



1500 - 2199 grams INTERMEDIATE:

Cut Hazard

Aerospace, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, metal fabrication, metalworking, plastic, plumbers, appliance manufacturing



4000 - 4999 grams

**SUPERIOR:** 

**Cut Hazard** 

Aerospace, metal stamping, metal recycling, metal fabrication, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, fabrication, Plumbers



500 - 999 grams

BASIC:
Cut Hazard

Wood / paper, warehouse, General carpentry, small parts assembly, general purpose, construction



2200 - 2999 grams

**HIGH:** Cut Hazard

Aerospace, glass, sheet metal users /window glazers, wood /paper, metal, fabrication, metalworking, plastic, plumbers, appliance manufacturing, automotive, general carpentry



5000 - 5999 grams

**SUPERIOR:** 

**Cut Hazard** 

Aerospace, metal stamping, metal recycling, metal fabrication, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, plastic, plumbers



1000 - 1499 grams INTERMEDIATE:

**Cut Hazard** 

Wood / paper, warehouse, General carpentry, small parts assembly, general purpose, construction



3000 - 3999 grams

HIGH: Cut Hazard

Aerospace, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper, metal fabrication, metalworking, plastic, plumbers



6000 + grams

SUPERIOR:
Cut Hazard

Plumbers, plastic

Aerospace, metal stamping, metal recycling, metal fabrication, appliance manufacturing, automotive, general carpentry, glass, sheet metal users /window glazers, wood / paper,

\* Grams : Degree of cut resistance

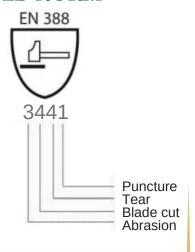


# EN388 CUT LEVEL

#### **OLD NORM**



(OLD EN388)





**NEW NORM** 

3441EP



TDM Machine for the new Cut resistance norm (EN388 & ANSI)

Impact protection CUT (TDM TEST) Puncture Tear Blade cut Abrasion

Resistance to abrasion

Between 0 and 4 based on the number of cycles required to abrade through the sample glove (abrasion by sandpaper under a stipulated pressure).

Blade cut resistance

Between 0 and 5, based on the number of cycles required to cut through the sample at a constant speed.

Tear resistance

Between 0 and 4, based on the amount of force required to tear the sample.

Puncture resistance

Between 0 and 4, based on the amount of force required to pierce the sample with a standard sized point.

Means that this performance is not tested

1 = 100 cycles

2 = 500 cycles

3 = 2000 cycles

4 = 8000 cycles

1 = 120 - 249 grams- Cut

2 = 250 - 499 grams - Cut

3 = 500 - 999 grams - Cut 4 = 1000 - 1999 grams - Cut

 $5 = 2000 \, \text{grams} - \text{Cut}$ 

= 10 Newtons

2 = 25 Newtons 3 = 50 Newtons

4 = 75 Newtons

1 = 20 Newtons 2 = 60 Newtons 3 = 100 Newtons 4 = 150 Newtons



#### 2 newtons = 203 grams to cut

Light material handling, small parts assembly without sharp edges



#### 10 newtons = 1019 grams to cut

Light duty metal handling, metal stamping, light duty glass handling, plastics, material handling



#### 22 newtons = 2243 grams to cut

Metal stamping, sheet metal handling, glass handling, automotive assembly



#### 5 newtons = 509 grams to cut

Packaging, warehouse, light duty general purpose



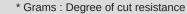
#### 15 newtons = 1529 grams to cut

Light duty metal handling, appliance manufacturing, bottle and light glass handling, canning, dry walling, electrical, carpet installation



#### 30 newtons = 3059 grams to cut

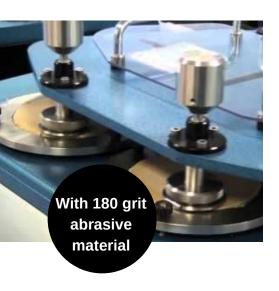
Heavy duty metal stamping, metal recycling, food processing, pulp and paper





ANSI ABRASION

### **ABRASION STANDARDS**



ANSI		Performance level	<b>EN388</b>
grams	cycles	Tested at 500 g vertical force	cycles
500	<b>&lt;</b> 100	0	_
500	≥ 100	1	<b>&lt;</b> 100
500	≥ 500	2	≥ 500
500	≥ 1000	3	≥ 2000
		Tested at 1000 g vertical force	
1000	≥ 3000	4	≥ 8000
1000	≥ 10 000	5	_
1000	≥ 20 000	6	_

ANSI PUNCTURE

## PUNCTURE STANDARDS

ANSI (Newtons)	Niveau de performance	EN388 (Newtons)
<b>&lt;</b> 10	0	_
≥ 10	1 •	<b>─</b> ≥ 20
≥ 20 •	<u> </u>	<b></b> ○ ≥ 60
≥ 60 ∘	<b>3</b> ∘	—∘ ≥ 100
≥ 100 ∘	<u> </u>	≥ 150
≥ 500	5	_







# EN12477 STANDARD FOR WELDING WORK

Welding gloves validated by this standard must be designed so that they protect the hands, wrists and forearms. Made of leather, they have a lined interior. They must undergo the tests of the EN 388 and EN 407 standards.





#### Welding gloves are classified into two types:

- Type A: gloves with higher protection against heat but less flexibility and dexterity
- **Type B:** gloves with less efficient protection against heat but greater flexibility and dexterity (TIG welding).

### EN 511 STANDARD



The pictogram gives the evaluation of 3 protections against cold risks. The first 2 protections (a and b) are estimated by a rating from 1 to 4, 4 being the best rating of resistance.

- a Resistance to convective cold
- **b** Resistance to contact cold
- Water penetration
  - 0 = no water penetration after 30 minutes
  - 1 = water penetration after 30 minutes

**x** means that this performance is not tested

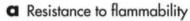


## EN 407 STANDARD



The pictogram gives the evaluation of 6 protections against thermal risks.

Every protection is estimated by a rating from 1 to 4, 4 being the best resistance rating.



This resistance is based on the time during which the material remains burning and continues after the source of ignition was turned off.

Level  $1 \le 20$  sec. Level  $2 \le 10$  sec. Level  $3 \le 3$  sec. Level  $4 \le 2$  sec.

**b** Resistance to contact heat

The glove's material is exposed to temperatures between 100 °C and 500 °C.

15 seconds is the minimum accepted length of time for approval.

Level 1 Manipulation of a part at 100 °C

Level 2 Manipulation of a part at 250 °C

Level 3 Manipulation of a part at 350 °C

Level 4 Manipulation of a part at 500 °C

Resistance to convective heat

Based on the time during which the glove can delay the transfer of the heat of a flame.

A performance level will be only mentioned if a level 3 or 4 was obtained during the flammability test.

Level  $1 \le 4$  sec. Level  $2 \le 7$  sec. Level  $3 \le 10$  sec. Level  $4 \le 18$  sec.

d Resistance to radiant heat

Based at the time during which the glove can delay the transfer of heat during an exposure to a radiant source of heat. A performance level will be only mentioned if a level 3 or 4 was obtained during the flammability test.

Level  $1 \le 5$  sec. Level  $2 \le 30$  sec. Level  $3 \le 90$  sec. Level  $4 \le 150$  sec.

e Resistance to small splashes of molten metal

Corresponds to the quantity of molten metal required to raise the temperature of the sample to a given threshold. A performance level will be only mentioned if a level 3 or 4 was obtained during the flammability test.

Level  $1 \le 5$  sec. Level  $2 \le 15$  sec. Level  $3 \le 25$  sec. Level  $4 \le 35$  sec.

f Resistance to large splashes of molten metal

Corresponds to the weight of molten metal necessary to cause damage to an artificial skin placed directly behind the sample. The test fails if droplets of metal remain stuck on the glove material or if the sample catches fire.

X Means that this performance is not tested



### 374 STANDARD **AGAINST CHEMICALS**



#### STANDARD EN 374-1

**General chemical protection** 



#### STANDARD EN 374-2

#### **Gloves Giving Protection from** Micro-Organisms

Niveau	AQL
1	4,0
2	1,5
3	0,65

The 'Micro-organism' pictogram is to be used when the glove conforms to at least a performance level 2 for the Penetration test. The penetration resistance is measured according to the ISO 2859 procedure which defines 3 levels of acceptable quality (AQL)



#### STANDARD EN 374-3

Protection Index

#### **Gloves Giving Protection from** Chemicals

Breakthrough time	(dass)
> 10 minutes	1
> 30 minutes	2
> 60 minutes	3
> 120 minutes	4
> 240 minutes	5
> 480 minutes	6
NEW MAR	KING
> 30 minutes for at least 6 chemicals tested	TYPE A
> 30 minutes	TYPE A

The 'Chemical resistant' glove pictogram must be accompanied by a 3-digit code. This code refers to the code letters of 3 chemicals (from a list of 18 standard defined chemicals), for which a breakthrough time of at least 30 minutes has been obtained.

A Methanol

**B** Acetone

C Acetonitrile **D** Dichloromethane

E Carbon disulfide F Toluen

G Diethylamine H Tetrahydrofuran

Ethyl acetate J n-Heptan

L Sulfuric acid 96% K Sodium hydroxide 40%

#### **NEW MARKING**

M Nitric acid 65%

N Acetic acid 99%

O Ammonia 25%

P Hydrogen peroxide 30%

**S** Hydrofluoric acid 40%

T Formaldehyde 37%



### TECHNICAL INFORMATIONS

#### **TECHNICAL FIBERS**

#### >>> COTTON

Natural fiber with good absorbency, comfort, durable and washable.

#### >>> POLYESTER

Synthetic fiber Good resistance to abrasion. Withstands shrinkage

#### >>> ELASTANE

High-density synthetic fiber that enhances glove comfort by providing a "second-skin" effect (very snug fit)

#### >>> POLYAMIDE (NYLON)

Synthetic fiber having a very good resistance to abrasion

#### >>> GRAPHENE

An advanced composite material made up of singleatom-thick carbon sheets arranged in a twodimensional hexagonal structure. Graphene has unique properties such as high electrical conductivity, exceptional mechanical strength, flexibility, and lightness

#### **COLD RESISTANCE**

#### >>> THINSULATE®

Synthetic fiber used for the manufacture of clothing. Its main characteristic is thermal insulation.

Trademark

#### >>> THERMOLITE®

Hollow fiber for better thermal insulation. Provides unparalleled comfort and dexterity while providing maximum warmth. Repels moisture.

Trademark

#### >>> ACRYLIC

Synthetic fiber that retains heat in cold weather. Soft and silky texture.

#### **GAUGE**

Is the number of mesh by " inch ". The higher the number, the finer the mesh of the glove, which gives him better dexterity.

#### **CUT RESISTANCE**

#### >>> PARA-ARAMIDE

Synthetic fiber having a high mechanical resistance especially to cutting and tearing. As well as a good resistance to heat.

#### >>> POLYETHYLENE HD

High density fiber giving very good characteristics at cutting, tearing and abrasion. Lightness.

#### >>> DYNEEMA®

Polyethylene fiber HD. Resistant to cutting.

#### >>> HPPE

Lightweight High Performance Polyethylene fiber with superior cut Resistance and abrasion

#### >>> KEVLAR®

Thermoplastic polymer fiber of the family of aramids. Resistant to cuts and heat. Loses its properties over time Trademark

#### >>> STAINLESS STEEL

Metallic fiber highly resistant to shearing and slicing cuts.

#### >>> TAEKI5 ®

High-performance polypropylene fiber from German technology. Cut resistance Level 5. Thermal fiber that resists heat, cold and UV rays. Comfort. Lint-free Washable *Trademark* 



#### **HEAT RESISTANCE**

#### >>> KERMEL ®

Aramid fiber with high performance. Resistant to heat, flame and electric arc *Trademark* 

#### >>> VISCOSE FR

Flame retardant artificial cellulosic fiber

#### >>> WOOL

Resistant natural fiber in the cold And in the heat at the same time

#### **COATING TYPE**

	BENEFITS	DRAWBACK	
NITRILE	<ul> <li>+ Excellent abrasion resistance</li> <li>+ Much more resistant to punctures than latex</li> <li>+ Excellent elasticity and grip</li> </ul>	<ul> <li>No flame resistance</li> <li>Reduced grip when wet</li> <li>No chemical resistance against ketones, methylene chloride, and trichloroethylene</li> </ul>	
+ Abrasion Resistance and Durability + Comfort and Flexibility + Excellent Dexterity and Grip + Resistance to Oil, Grease, Hydrocarbons, and Heat		- No chemical resistance against ketones, methylene chloride, and trichloroethylene	
POLYURETHANE CLEAN PU	<ul> <li>+ Very flexible and elastic - High comfort</li> <li>+ Eco-friendly and hypoallergenic manufacturing</li> <li>+ Leather-like appearance - Porous</li> <li>Breathable gloves for freshness</li> <li>+ Does not harden in the cold or soften in the heat</li> </ul>	<ul> <li>Low heat resistance</li> <li>Low chemical resistance against oils, grease, hydrocarbons, and organic solvents</li> </ul>	
LATEX NATUREL RUBBERE	<ul> <li>+ Good grip in wet conditions</li> <li>+ Cut and puncture resistant</li> <li>+ Waterproof</li> <li>+ Impact absorption</li> <li>+ Durability</li> <li>+ Protects against mild acids, caustics, and alcohols</li> <li>+ Provides good grip</li> </ul>	<ul> <li>Potential for allergic reactions</li> <li>Low chemical resistance against oils, grease, hydrocarbons, and organic solvents</li> </ul>	
PVC	<ul><li>+ Resistant to various chemicals (acids, oils, etc.)</li><li>+ Durability</li><li>+ Good insulator</li></ul>	<ul> <li>Low resistance to cuts and punctures</li> <li>Avoid contact with ketone-containing and aromatic solvents</li> </ul>	
NITRILE RUBBER	<ul> <li>+ Excellent resistance to oils, grease, and hydrocarbons</li> <li>+ Good abrasion and wear resistance</li> <li>+ Flexibility</li> </ul>	<ul> <li>Limited resistance to strong acids and polar solvents</li> <li>Sensitive to sunlight; deteriorates faster when exposed outdoors for long periods</li> </ul>	
CHLOROPRENE	<ul> <li>+ Resistant to various chemicals</li> <li>+ Good resistance to mineral greases</li> <li>+ Impact absorption</li> <li>+ Durability and comfort</li> </ul>	- Low grip on mineral oils, hot water, and fuels	

#### **GRAIN LEATHER**

#### **SPLIT LEATHER**

Grain leather comes from the outside. Durability & Dexterity. Provides natural resistance to water and oil.

Internal part rougher.
It's resistant to heat and abrasion. Porous leather.

Regardless of the type of leather, the quality of tanning is of utmost importance. Each glove leather has a quality rating of A, B, C, or D (A = Excellent).



#### **COWHIDE LEATHER**

The most popular choice for glove manufacturing, offering several qualities and benefits such as comfort, durability, and resistance to heat and abrasion.



#### **GOAT LEATHER**

Highly durable, making it a perfect choice when dexterity and flexibility are needed. Denser than cowhide, providing better puncture resistance and water resistance.



#### **DEERSKIN LEATHER**

Although less durable, it typically offers greater suppleness and flexibility while ensuring excellent dexterity.



#### **BUFFALO LEATHER**

Shares the qualities of cowhide—comfort, durability, and strength—but provides less flexibility





1.888.745.2552

OUR PURPOSE

PROTECT WORKERS' HANDS BY ENSURING THEIR WELL-BEING AND PRODUCTIVITY IN COLLABORATION WITH DISTRIBUTORS