



PROTECTIVE INDUSTRIAL PRODUCTS



G-Tek®

HIGH PERFORMANCE HAND PROTECTION CATALOGUE

AUS/NZ | EDITION 01



ABOUT PIP

Global Provider of Innovative Safety Products

PIP is your trusted partner with over 35 years of safety expertise, industry-leading brands, quality products and best-in-class customer service.

Our slogan 'Bringing the Best of the World to you', is not just about products, it is also about knowledge, our long-standing history of developing innovative products that protect end-users and our commitment to serving our customers better than anyone else in the market. We are here to support you by solving problems in a cost-effective way, that keeps workers safe and performing at their best.



Each day, we seek to develop, train and provide our customers with innovative safety products that help keep workers safer, more comfortable and more productive.

We work with our distributor partners to deliver best-in-class customer experiences by providing a comprehensive product offering, world-class sales tools and efficient processes.

Our close-to-home manufacturing facilities enable us to provide safety solutions that are tailored to customer needs. These factories work with our team of product managers, specialists and field quality control technicians to ensure the highest level of product performance and secure proprietary technologies that support us being first-to-market.

EXTENSIVE PRODUCT PORTFOLIO



FOUNDED IN 1984
LATHAM, NY, USA

WORKFORCE OF 1,000+
GLOBAL EMPLOYEES

5,000+ PRODUCTS
WORLDWIDE

20+ GLOBAL
LOCATIONS

10 MANUFACTURING
LOCATIONS WORLDWIDE

1.3 MILLION SQ. FT
GLOBALLY SITUATED DISTRIBUTION CENTERS

4,000+ CUSTOMERS
WORLDWIDE

OVER \$650 MILLION
IN WORLDWIDE SALES



PROTECTIVE INDUSTRIAL PRODUCTS TIMELINE

Bringing the best of the world to you®

SINCE 1984 – ALBANY, NEW YORK.

1984 to 1999



1984

- Joe Milot and Wellson Tao formed Protective Industrial Products in a 400 sq. ft. space in Albany, NY.

1991

- Purchased assets of Intermarket Imports, Inc. and expanded head office and distribution center into a 28,000 sq. ft. facility in Guilderland, NY.



1998

- Acquired L.A. Sinotech & established a distribution center in California

2000 to 2005

2001

- Acquired Georgia Safety Group and Gloves Unlimited, Inc.

- Opened a distribution center in Memphis, TN.

2002

- PIP Mexico formed



2003

- Acquired PRI Industries – a US manufacturer of specialty seamless knits



2004

- Expanded New York operations to 125,000 sq. ft. and Tennessee distribution center to 90,000 sq. ft.

- Creazione di PIP Latin America

2006 to 2011

2006

- Brahma Glove Co. acquired – consumer division established

- Mud® consumer glove brand and business acquired

- DSM Dyneema® license acquired



2008

- West County Gardener® consumer glove brand and business acquired

2009

- SafetyGear™ USA acquired to extend safety products offering to protective and hi-vis garments



2011

- H.L. Bouton® Eyewear brand and business acquired

- McHenry Knitting and Manufacturing acquired

- Certified Insulating Products assets acquired to enter the electrical safety market

- DuPont™ Kevlar® license acquired

2011 to 2019

2012

- ISSI Eyewear acquired

- PIP Canada established

- PIP Asia/Pacific operations expanded from Hong Kong to include sales and distribution centers in Malaysia and China

2014

- Acquisition of Safe Industries - manufacturer of knitted sleeves



2016

- Acquisition of Safety Works

- PIP France established

2018

- Audax Private Equity invest in PIP to maximize accelerated growth potential

2019

- Acquisition of West Chester protective gear

- Acquisition of QRP gloves & fingercoats

- Acquisition of Worldwide protective products

- Acquisition of Dynamic safety international

- Acquisition of Uniform Technology®

- Acquisition of Boss® Glove and Safety

2020 - 2021



2020

- Construction of a 74,000 m2 distribution center in Olive Branch, MS, U.S.

- Acquisition of Primax manufacturing Trading Inc. et Caiman®

- Odyssey Investment Partners acquires PIP®, thus ushering in a new era of growth



2021

- Acquisition of Paramount Safety Products in Australia, leader in the Oceanic region

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UNDERSTANDING CUT AND IMPACT PROTECTION

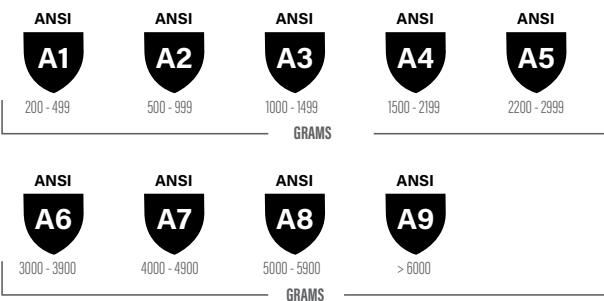
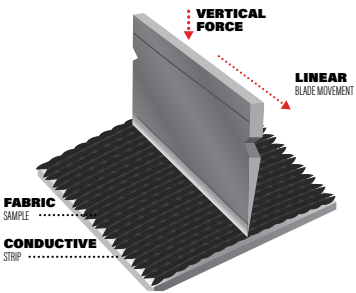
PIP® gloves are tested to ANSI and EN standards

Both standards test gloves for abrasion, cut, tear and puncture. Our safety managers choose products that are tested and labeled in order to ensure the best possible protection for the job being performed.

ANSI-105

AMERICAN NATIONAL STANDARD

This standard has established ASTM F2992-15 as the test method for measuring cut resistance on a 9-level scale with the widely recognized TDM 100 machine that uses a linear sliding blade.



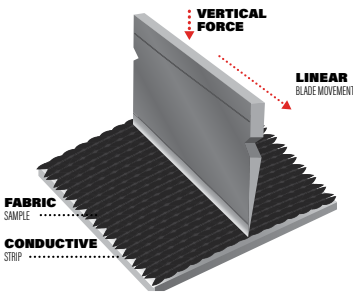
CONVERTING NEWTONS TO GRAMS

ANSI/ISEA 105 LEVEL	RANGE (GRAMS)
A1	200 - 499
A2	500 - 999
A3	1,000 - 1,499
A4	1,500 - 2,199
A5	2,200 - 2,999
A6	3,000 - 3,999
A7	4,000 - 4,999
A8	5,000 - 5,999
A9	6,000+

EN 388

EUROPEAN CUT STANDARD (CE)

This standard allows for two different testing standards and methods: The Coup Test using a rotating circular blade and the TDM Test using a linear sliding blade using the ISO 13977 method.



EN 388 RATING	RANGE (NEWTONS)	CONVERTED RANGE (GRAMS)
A	2 - 4.9	204 - 508
B	5 - 9.9	509 - 1,019
C	10 - 14.9	1,020 - 1,529
D	15 - 21.9	1,530 - 2,242
E	22 - 29.9	2,243 - 3,058
F	30+	3,059+
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ANSI-105-2016
STANDARD

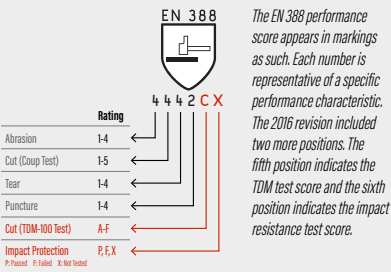


EN388
2016 STANDARD



ANSI-138-2019
STANDARD

EN 388 PERFORMANCE MARKINGS



IMPACT RESISTANT GLOVE STANDARD (2019 EDITION)
ANSI/ISEA 138 - 2019

The ANSI/ISEA 138 2019 Impact Resistant Glove Standard was developed to better classify the impact resistance of gloves, making it easier than ever to choose the right impact glove for any application. This standard considers the minimum performance, classification and labeling requirements for material protecting the fingers and knuckles from impact.

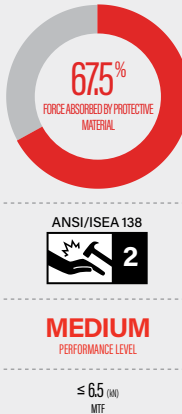
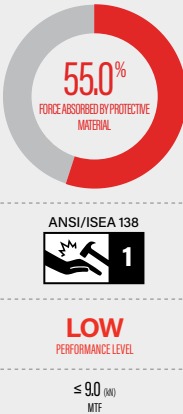
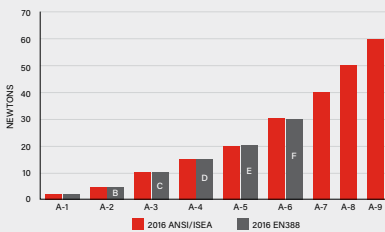
UNDERSTANDING ANSI/ISEA 138-2019 TESTING

ANSI/ISEA 138-2019 outlines three levels of impact protection. Each level is determined by how effectively each glove can disperse impactful force applied during testing. The way this impactful force is created is by dropping a 2.5-kilogram mass onto each glove with an impact energy of 5 joules. This process is repeated ten times on the fingers and eight times on the knuckles. The glove's impact level will then be determined based on the Mean Transmitted Force (MTF) recorded.

It is important to note that the MTF of the finger region is treated separately from that of the knuckle region, so the lower mean transmitted force of the two regions will be used to classify the glove as a whole.

COMPARING TDM TEST ANSI 105 TO EN 388

Below is a graph that illustrates how the new EN TDM-100 test aligns closely with the ANSI cut test. The table below the graph outlines the full details of the scores and when converting Newtons to grams.

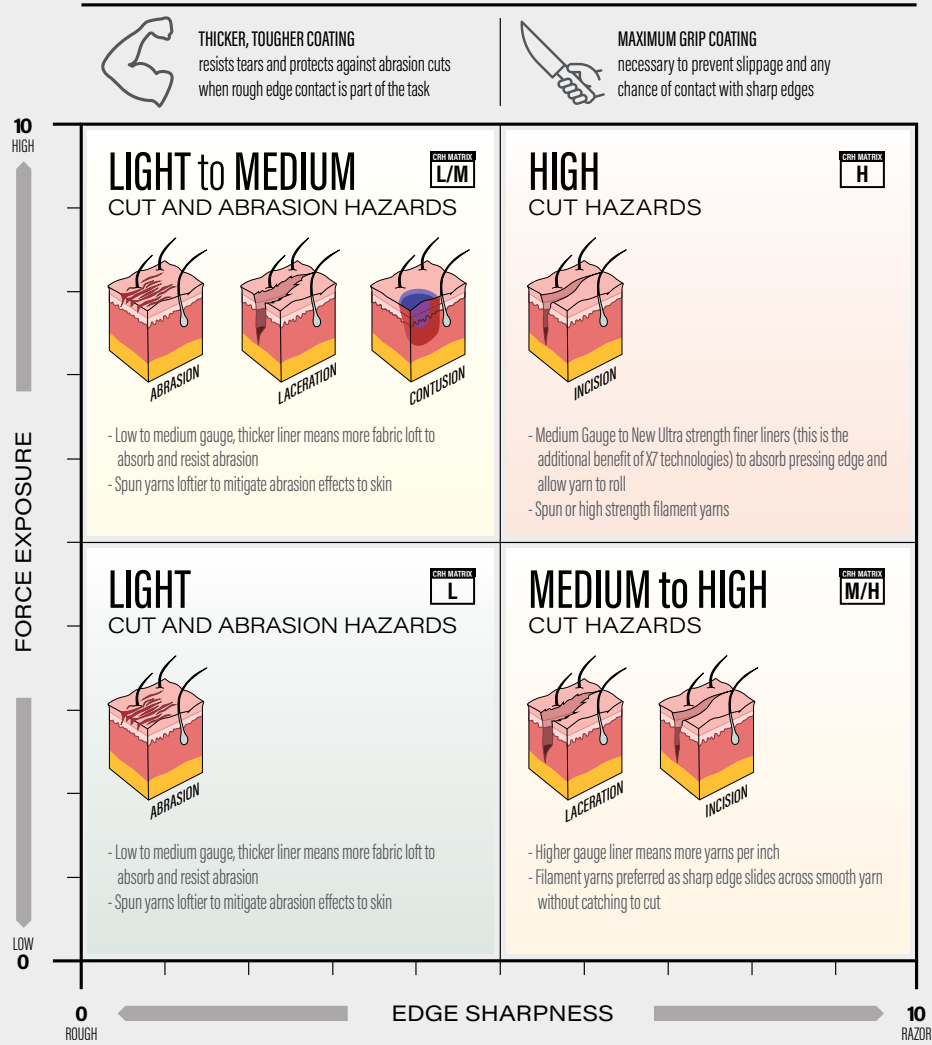


CUT RISK HAZARD MATRIX

Choosing the right hand protection

ADVANCED CUT RISK MANAGMENT

YOUR GUIDE TO THE RIGHT CHOICE



Cut Risk Hazard Matrix™

The Cut Risk Hazard Matrix™ is a unique and logical method to guide users in selecting a glove or sleeve with the right cut resistant material and score. Once a safety manager can identify where their application fits on the Cut Risk Hazard Matrix™, they can more confidently correlate the task to the glove or sleeve best suited for their job.



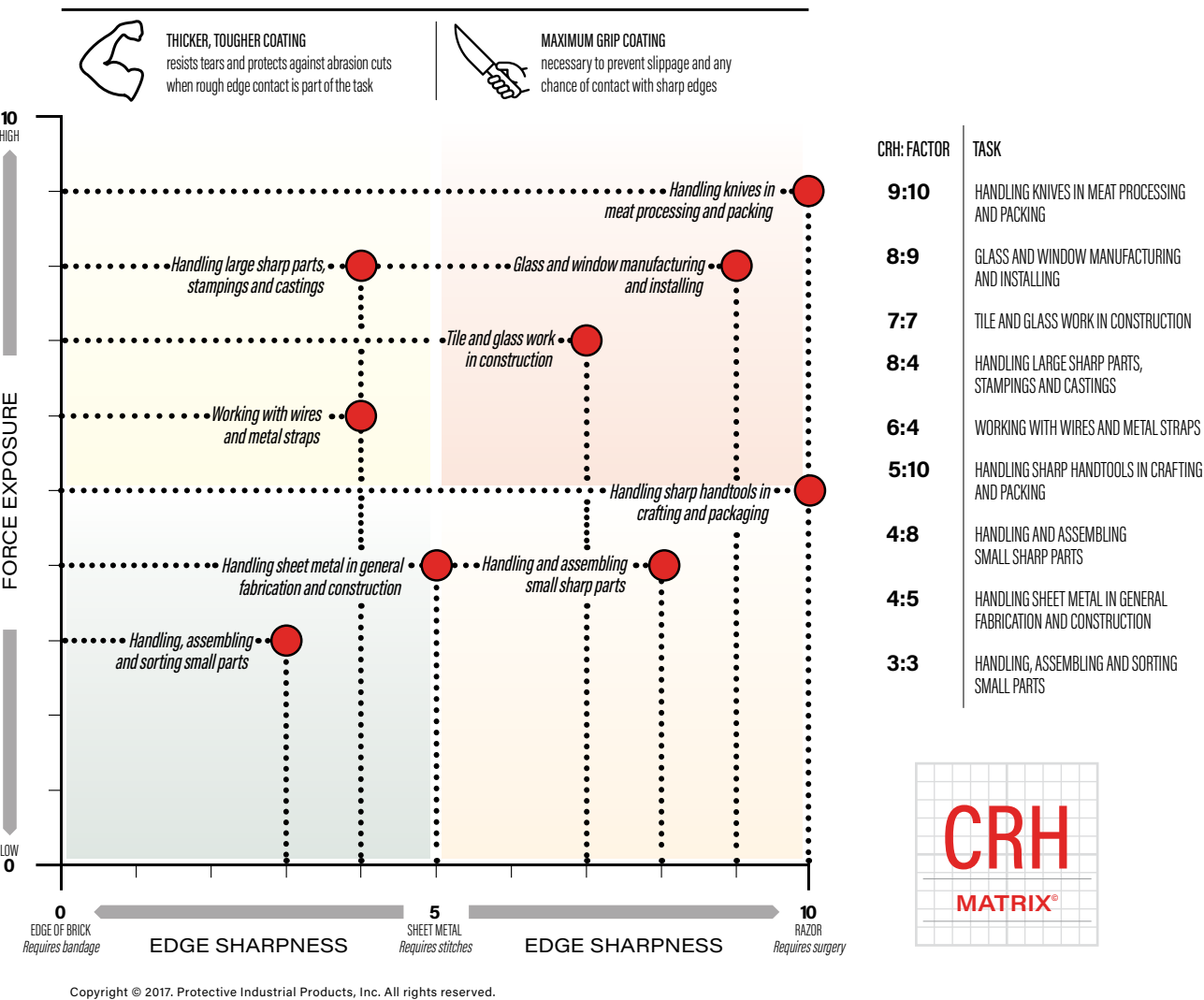
CALCULATING THE CRH: FACTOR™

1. Assess the **EDGE SHARPNESS** with "Rough" equating to the edge of a brick and "Razor" to that of a sharp knife.
2. **FORCE** is relative to the different tasks being performed. Tasks such as deboning large animals require a high degree of force compared to working with box cutters in a repacking operation.
3. Mapping the two will place you in one of the four quadrants of **RISK** where you can determine your **CRH: Factor™** and proceed to selecting the optimal coating for maximum grip.



WE'VE EQUATED CUT SCORE FACTORS WITH REAL-WORLD TASKS AND APPLICATIONS AS EXAMPLES

By plotting the tasks and applications, we determine a **Cut Risk Hazard Factor™** (CRH: Factor™) as outlined on the right side. The CRH: Factor™ is a comparative indicator that helps safety managers determine the level of potential hazard related to the task or application.





HIGH DEXTERITY CUT RESISTANT RANGE

CUT RESISTANT HAND PROTECTION - THE NEW NORMAL

Cut resistant gloves are rapidly becoming the new standard on jobsites, preventing avoidable injuries to employees.

PIP's PolyKor® with X7™ Technology (with No Steel or Glass fibre) represents the latest in engineered yarn development. This super lightweight and thin, 18 gauge reinforced yarn provides very high cut resistance, inherent strength and durability by way of specialised proprietary fibre blending.



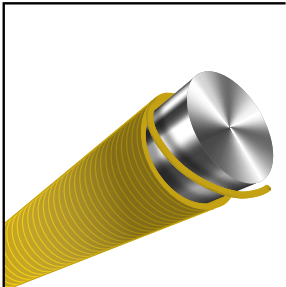
G-TEK CUT RESISTANT LINER EVOLUTION

G-Tek® Technology platforms ADVANCED CUT RESISTANT FIBER AND YARN TECHNOLOGIES

Protection workers want to wear.
THAT'S OUR GOAL.

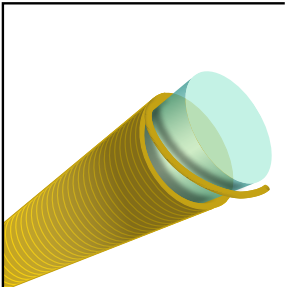
It's about more than just cut protection. It is about cut protection that meets every need. G-Tek® represents the safety industry's most comprehensive line of coated seamless knit gloves.

For over 30 years PIP® has invested in **G-Tek®** products, evolving them from simple cotton knits to the most advanced gloves that combine engineered yarns, advanced ergonomic design and coating elastomers.



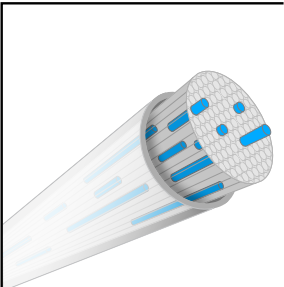
KEV™

CUT AND HEAT RESISTANCE.
Combines the power of DuPont® Kevlar® with proprietary core technology for exceptional cut strength and protection in light heat applications.



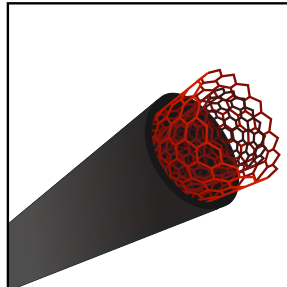
ACP™ TECHNOLOGY

**MAXIMUM CUT RESISTANCE
NO SKIN IRRITATION**
ACP™ are proprietary yarn formulations that use encapsulated glass fibers to maximize cut resistance and eliminate skin irritation.



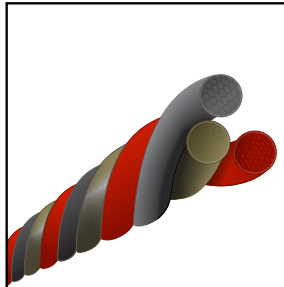
3GX®

UNMATCHED COMFORT. IMPROVED CUT PROTECTION.
Dyneema® Diamond advanced technology of embedded micro-particles strengthen fibers by up to two times, delivering higher cut scores. 3GX® Technology offers cool touch comfort and lightweight durability for improved productivity.



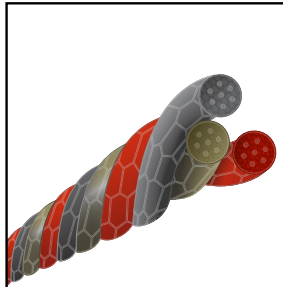
Supreme™

TOUGH. RESISTANT. DURABLE.
The latest breakthroughs in nanofabrication has resulted fibers containing graphene material which we call Supreme™. Supreme™ is an high performance yarn that offer unparalleled strength and physical properties that are unique to graphene.



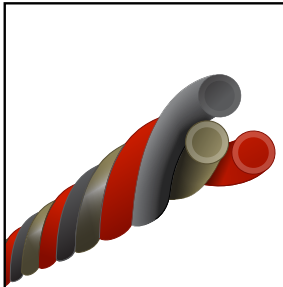
PolyKor®

PROTECTION. PERFORMANCE. VALUE.
PolyKor® engineered yarns optimize performance, function and protection using proprietary blends of select fibers to exceed industry standards. The ultimate objective is an affordable array of cut resistant gloves for practically every application.



PolyKor® X7™ TECHNOLOGY

STRONGEST. TOUGHEST. HARDEST.
X7™ technology represents the latest in PolyKor® engineered yarns that are combined with naturally hardened crystallized minerals. The result is a super tough, durable, cut resistant fiber that is at the peak of performance.



PolyKor® X7™ TECHNOLOGY

HIGH DEXTERITY. MAXIMUM CUT RESISTANCE.
X7™ technology is the latest in engineered yarn development. This super lightweight reinforced yarn provides very high cut resistance and durability by way of proprietary fibers.

COATING BASICS

G-Tek® A complete line of coatings
UNMATCHED IN SELECTION AND PERFORMANCE

NEOFOAM®

SECURE HANDLING OF LIGHT TO HEAVY PARTS OR ITEMS

Proprietary coating only available on G-Tek® brand gloves. NeoFoam® is a highly flexible coating that provides wearers with a high degree of grip, hand dexterity and comfort. NeoFoam® is versatile, hardworking, resistant to light oils and touchscreen compatible with most devices, making G-Tek® NeoFoam® coated gloves the optimal choice for numerous handling applications.



MICROSURFACE

Coating surface infused with thousands of tiny suction cup pockets. When pressed into contact with a wet or oily surface, they create a vacuum effect that disperses fluids away - significantly improving grip.

> Good grip in dry, wet, or oily conditions



FOAM

Foam coating cell structure is designed to channel fluids away from the surface of the object generating grip in oily conditions. Oily grip effectiveness varies with density of cells.

> Secure grip in dry conditions
> Fair grip in slightly oil or wet conditions

NITRILE

TOUGH COATING FOR HEAVY-DUTY JOBS

Nitrile is a synthetic rubber compound that offers excellent puncture, tear and abrasion resistance. Nitrile is also known for its resistance to hydrocarbon-based oils or solvents. Nitrile coated gloves are the first choice for industrial jobs which require handling of oily parts. Nitrile is durable and helps to maximize protection.



MICROSURFACE

Coating surface infused with thousands of tiny suction cup pockets. When pressed into contact with a wet or oily surface, they create a vacuum effect that disperses fluids away - significantly improving grip.

> Good grip in dry, wet, or oily conditions



FOAM

Foam coating cell structure is designed to channel fluids away from the surface of the object helping improve grip in oily conditions. Oily grip effectiveness varies with density of cells.

> Secure grip in dry conditions
> Fair grip in slightly oil or wet conditions



FLAT / SMOOTH

Flat/Smooth coatings provide the wearer with a secure dry grip. Liquids will not absorb into the coating, keeping hands dry and clean.

> Secure, tacky grip for dry surfaces

LATEX

TOUGH JOBS — DRY OR OILY-WET

Latex is a natural rubber that is flexible, tough and durable, delivering a high degree of resistance to snagging, puncture and abrasion. Latex is water-resistant as well as resistant to protein-based oils. Latex is not recommended for jobs that involve contact with hydrocarbon-based oils or solvents.



CRINKLE

Crinkle coatings have creases or wrinkles on the surface of the coating that are designed to channel fluids away and allow better contact on dry or wet surfaces.

> Secure grip in dry or wet conditions



MICROSURFACE

Coating surface infused with thousands of tiny suction cup pockets. When pressed into contact with a wet or slippery surface, they create a vacuum effect that disperses fluids away - significantly improving grip.

> Good grip in dry and wet or oily-wet surfaces.

POLYURETHANE

IDEAL FOR PRECISION HANDLING AND LIGHT TO MEDIUM DUTY JOBS

Polyurethane (PU) is a tough, proven material that offers good tactile sensitivity by way of its thin material deposit. It conforms intimately over multiple glove liners to provide flexibility, dexterity and tactile sensitivity. PU coated gloves are amongst the most commonly used because they are versatile and provide excellent value. Newer, water-based PU coatings offer improved flexibility and less environmental lifecycle impact.



FLAT / TEXTURED

Flat/Textured PU takes on the surface properties of the glove liner which results in the thin, conformable deposit of coating material. The flat, textured nature of this coating is unique to Polyurethane (PU) coated gloves.

> Tactile grip in dry and in slightly oily conditions



COATING	GRIP	1	2	Fair	Good	Secure	Fair	Good	Secure	Fair	Good	Secure	None	Limited	Good	None/Slight	Fair	Good	Low	Medium	High	None	Minimal	High
		LAYERS																						
NeoFoam®	Foam	•				•	•			•					•		•			•			•	
	Microsurface	•				•		•			•				•	•					•			•
Nitrile	Microsurface		•		•		•				•			•		•					•			•
	Microsurface	•			•		•				•			•		•				•				•
	Foam	•			•					•				•		•					•	•		
	Flat/Smooth	•				•								•		•			•					•
Latex	Microsurface		•			•		•			•		•			•					•			•
	Microsurface	•				•		•			•		•			•					•			•
	Crinkle	•				•		•		•			•			•					•			•
Polyurethane	Flat / Textured	•			•			•			•				•	•			•					•

RESISTIVE TOUCHSCREENS, found on most industrial controls, rely on pressure and are unaffected by the use of gloves. CAPACITIVE TOUCHSCREENS, typically used with tablets, smartphones and laptops rely on the electrical field effect from your finger. PIP® trials have found that many of our coated seamless knit gloves with thinner black coatings will work with today's latest mobile devices. However, we recommend trials prior to equipping teams with gloves. For guaranteed bare finger precision and sensitivity on any device, we provide the PU coated G-Tek® 33-GT125, featuring conductive fingertip touch technology.



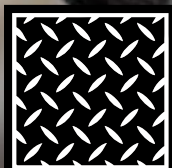
DESIGNED FOR HIGH CUT HAZARDS & INCISION RISK

High cut hazard applications



Glass handling

Glass and window manufacturing and installing



Metal handling

Cutting, stamping and metal manufacturing



Sharp Parts Assembly

Handling sharp parts and tools



Construction

Tile, glass work and handling large sharp parts

CUT RISK HAZARD MATRIX™

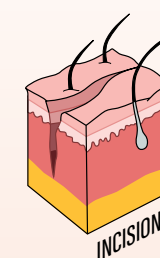


APPLIED FORCE



LIGHT to MEDIUM CUT HAZARDS	
LIGHT CUT HAZARDS	MEDIUM to HIGH CUT HAZARDS

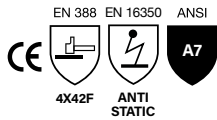
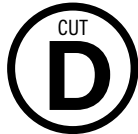
HIGH CUT HAZARDS



- Medium Gauge to New Ultra strength finer liners (this is the additional benefit of X7 technologies) to absorb pressing edge and allow yarn to roll
- Spun or high strength filament yarns

EDGE SHARPNESS

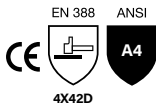
POLYKOR X7 CUT RESISTANT RANGE



16-377
G-TEK® POLYKOR® X7™ PLATINUM F+

- G-Tek® PolyKor® X7™ Platinum F+ gloves designed for high cut hazard risks. Reaching an A7 ANSI/ISEA rating 25% higher than the EN388:2016 level F rating.
- PolyKor® blended 18 gauge shell with X7™ technology offers very high cut resistance, dexterity and durability with ultra fine liners.
- NeoFoam® coated palm and fingertips offers great abrasion resistance and outstanding wet/dry grip.
- Touch screen compatible to allow the user to operate a touch screen phone or device without removing gloves.

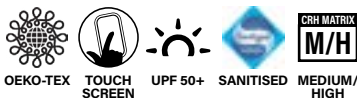
APPLICATIONS: Hi-Risk Cut Hazards, Finishing and Inspection, Glass and Metal Handling, Sharp Parts Assembly, Construction, Maintenance.



16-315
G-TEK® POLYKOR® X7™ CUT RATING D

- G-Tek® PolyKor® X7™ gloves designed with a medium/high cut resistant liner. Reaching an EN388 Cut Level D rating.
- PolyKor® X7™ 18 gauge seamless knit liner provides extreme protection, comfort and performance. With amazing dexterity and sensitivity provided from the ultra thin and flexible construction, minimising hand fatigue or resistance of movement for all day wear.
- Fully breathable NeoFoam® micro-porous coating on palm and fingers, with high water vapour transmission keeping hands cool and dry. Fitted with a re-enforced thumb crotch via vulcanised nitrile pad.

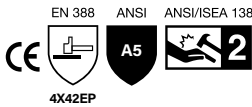
APPLICATIONS: Mining Resource, Automotive, Assembly Work Machinery Maintenance, Building/Construction, Glass Industry, Metal Folding.



CUT RESISTANT GLOVES - POLYKOR® X7®

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
16-377-(SIZE)	4X42F	Neofoam™ MicroSurface	Palm & fingertips	Black	PolyKor X7™ Engineered Yarn	Gray	18	7-11	12 PAIRS	36 PAIRS
16-315-(SIZE)	4X42D	Neofoam™ MicroSurface	Palm & fingertips	Gray	PolyKor X7™ Engineered Yarn	Silver Gray	18	6-12	12 PAIRS	72 PAIRS

POLYKOR X7 CUT AND IMPACT RESISTANT RANGE



120-3700X7
G-TEK® POLYKOR® X7™ FORCESHIELD

- G-Tek® ForceShield PolyKor® X7™ gloves offer high level cut resistance, reaching a EN388 Cut Level E protection rating.
- Heavy duty impact ANSI / ISEA 138 impact protection level 2 rating. With hi-vis TPR impact protection to back of fingers, knuckle bar and dorsal of hand.
- 18 gauge PolyKor® X7™ ultrafine seamless knit liner provides high dexterity, with absolute minimal restriction of touch sensitivity and all shift long comfort.
- Palm and fingers are coated with "Wet Grip" nitrile with a reinforced thumb crotch area.
- Touch screen functionality.

APPLICATIONS: Cutting, Drilling, Grinding, Heavy Assembly Work, Scaffold Erecting and Dogging, Demolition and Recycling, Any other serious challenge you wish to tackle



CUT RESISTANT GLOVES - POLYKOR® X7®

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
120-3700X7-(SIZE)	4X42EP	Neofoam™ MicroSurface	Palm & fingertips	Black	PolyKor X7™ Engineered Yarn	Blue Gray	18	7-11	6 PAIRS	36 PAIRS



CUT RESISTANT + VENDING RANGE

CONVENIENT, FORM FITTING CUT PROTECTION

In this section of Cut Resistant & Vending styles, we re-introduce you to the P.I.P Aust GuardTek Cut resistant range now branded as G-Tek, our Global Hand Protection Name. These gloves are admired for their comfort in the ability to form to each wearers hand shape while providing good Abrasion and Cut Resistance.

We have also ranged several new PolyKor 13 Gauge liners with soft shell filament liners, these gloves provide a selection of very economical performance and longevity options. Available in a range of Cut Protection level with some Vending Machine ready packaging as listed.



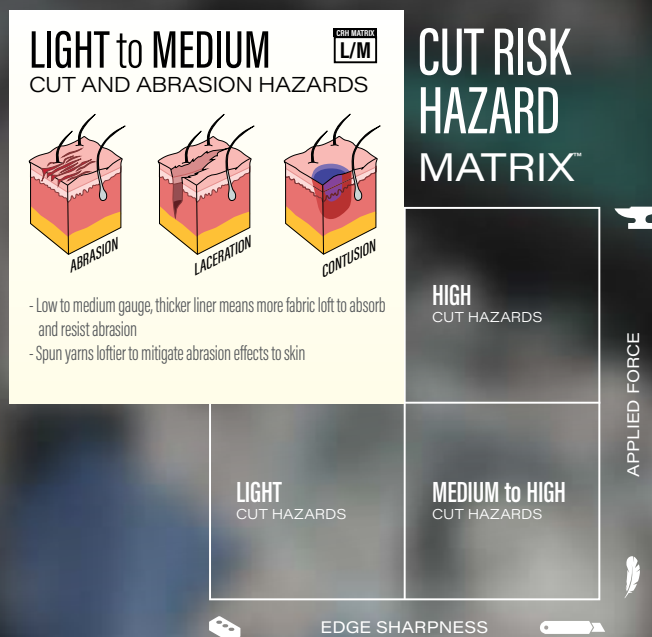


G-TEK® Polykor® 16-333

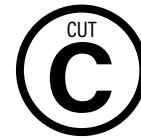
13G CUT C, SUPER COMFORTABLE AND ROBUST

PALM & FINGERTIPS COATED OIL RESISTANCE & CUT LEVEL C PROTECTION

Introducing the new G-Tek® Polykor® 16-333, a unique all-around glove featuring a single dipped nitrile coating offering excellent dexterity and breathability. 13G Polykor® blended shell provide A3 / Cut Level C Protection. This high performance glove has a nitrile microsurface grip on the palms and fingers, ideal for handling small sharp parts in dry, wet and light oily conditions.



CUT RESISTANT + HIGH DEXTERITY RANGE



16-333 G-TEK® POLYKOR®

- G-Tek® PolyKor® gloves designed for light to medium cut hazard risks with an EN388 Cut Rating Level C.
- 13 gauge PolyKor® lightweight soft feel shell provides excellent dexterity and tactile sensitivity. Seamless construction offers increased comfort and breathability.
- Thicker flexible nitrile micro-surface coated palm and fingertips help extend the life of the glove and provide excellent abrasion resistance.
- Knit wrist helps prevent dirt and debris from entering the glove.

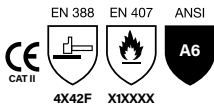
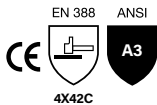
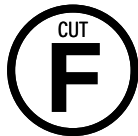
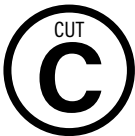
APPLICATIONS: Fabrication and Construction, Glass Cutting and Manufacture, Sheet Metal Handling, General Duty, Parts Assembly, Sharp Small Parts Handling.



CUT RESISTANT GLOVES - POLYKOR® X7®

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
16-333-(SIZE)	4X42C	Nitrile MicroSurface	Palm & fingertips	Black	PolyKor™ Engineered Yarn	Light Gray	13	7-11	12 PAIRS	72 PAIRS

CUT RESISTANT + HIGH DEXTERITY RANGE



16-333-HVY
G-TEK® POLYKOR® HI-VIS

- G-Tek® PolyKor® Hi-Vis gloves designed for light to medium cut hazard risks with an EN388 Cut Rating Level C.
- High Visibility 13 gauge PolyKor® lightweight soft feel shell provides excellent dexterity and tactile sensitivity. Seamless construction offers increased comfort and breathability.
- Thicker flexible nitrile micro-surface coated palm and fingertips help extend the life of the glove and provide excellent abrasion resistance.
- Knit wrist helps prevent dirt and debris from entering the glove.

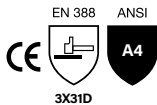
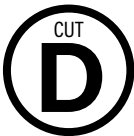
APPLICATIONS: Fabrication and Construction, Glass Cutting and Manufacture, Sheet Metal Handling, General Duty, Parts Assembly, Sharp Small Parts Handling.



CUT RESISTANT GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
16-333-HVY-(SIZE)	4X42C	Nitrile MicroSurface	Palm & fingertips	Black	PolyKor™ Engineered Yarn	Hi Vis Yellow	13	7-11	12 PAIRS	72 PAIRS
13-4GSC-(SIZE)	4X42F	SupraCoat PU/nitrile	Palm & fingertips	Black	Fibreglass & Polymer	Gray	13	S-3XL	12 PAIRS	72 PAIRS

CUT RESISTANT + HIGH DEXTERITY RANGE



16-541
G-TEK® POLYKOR® BAREHAND

- G-Tek® PolyKor® BareHand gloves provide a medium high cut resistant EN388 Cut Level D Protection.
- Seamless Knit PolyKor® Blended Glove with Polyurethane Coated Flat Grip on Palm and Fingers - 21 Gauge - Touchscreen Compatible.
- Premium PolyKor® blended 21G shell is lightweight and provides excellent dexterity, tactile sensitivity, and cut resistance.
- Polyurethane coatings take on the surface properties of the glove liner providing a tactile grip in dry and slightly oily conditions, ideal for applications that require dexterity for precise handling.

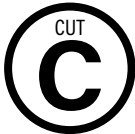
APPLICATIONS: Mining Resource, Automotive, Assembly Work, Machinery Maintenance, Building/Construction, Glass Industry, Metal Folding, Engineering.



CUT RESISTANT GLOVES - POLYKOR® X7®

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
16-541-(SIZE)	3X31D	Polyurethane	Palm & fingertips	Black	PolyKor™ Engineered Yarn	Gray	21	6-12	12 PAIRS	120 PAIRS

CUT RESISTANT + HIGH DEXTERITY RANGE



CUT-3YE
G-TEK® CUT 3

- G-Tek® Cut 3 gloves designed with cut resistant fibres to EN388 Cut Level 3 light to medium cut protection.
- Lightweight seamless knit HPPE hi-vis yellow liner offers a very comfortable fit and feel, with precision dexterity and superior flexibility. Designed with precise palm and finger fit with minimal restriction or obstruction of movement.
- Fully breathable micro-porous nitrile coating with high water vapour transmission keeps hands cool and dry.
- Anti-microbial treated liner for extra protection.

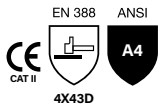
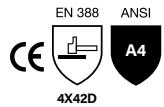
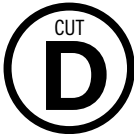
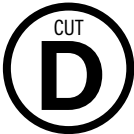
APPLICATIONS: Machinery Maintenance, Glass Handling, Metal Work, Meat Processing, General Assembly, Automotive, Heavy Transport.



CUT RESISTANT GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
CUT-3YE-(SIZE)	4342	Micro-porous Nitrile	Palm & fingertips	Black	Lightweight HPPE	Hi Vis Yellow	13	7-11	12 PAIRS	72 PAIRS
CUT-5YE-(SIZE)	4X44C	Micro-porous Nitrile	Palm & fingertips	Black	Lightweight HPPE	Hi Vis Yellow	13	7-11	12 PAIRS	72 PAIRS

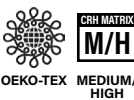
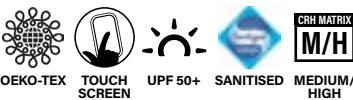
CUT RESISTANT + VEND RANGE



16-315V
G-TEK® POLYKOR® X7™ CUT RATING D

- G-Tek® PolyKor® X7™ gloves designed with a medium high cut resistant liner. Reaching an EN388 Cut Level D rating.
- PolyKor® X7™ 18 gauge seamless knit liner provides extreme protection, comfort and performance. With amazing dexterity and sensitivity provided from the ultra thin and flexible construction, minimising hand fatigue or resistance of movement for all day wear.
- Fully breathable NeoFoam® micro-porous coating on palm and fingers, with high water vapour transmission keeping hands cool and dry.
- Tri-fold wrap for care free dispensing through vending machines.

APPLICATIONS: Mining Resource, Automotive, Assembly Work Machinery Maintenance, Building/Construction, Glass Industry, Metal Folding.



CUT RESISTANT GLOVES - VEND READY

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
16-315V-(SIZE)	4X42D	Neofoam™ MicroSurface	Palm & fingertips	Gray	PolyKor™ Engineered Yarn	Silver Gray	18	6-12	6 PAIRS	72 PAIRS
16-560V-(SIZE)	4X43D	Polyurethane	Palm & fingertips	Silver Gray	PolyKor™ Engineered Yarn	Silver Gray	13	7-11	6 PAIRS	72 PAIRS



WET/OILY CUT RESISTANT RANGE

CUT RISK SAFETY IN WET/OILY ENVIRONMENTS

Working with liquids has long posed a challenge for secure handling and safe manipulation of tasks. Water based chemicals and oil / grease can contribute to an increased risk when handling heavy and sharp-edged objects. Cuts to hands are often caused from a combination of mass and velocity when attempting to regather the loss of control.

PIP has developed 2 specialised dual coated liquid resistant gloves for wet working conditions. Both gloves utilise proprietary PolyKor liner technology as the basis for Cut Protection defense. The 13-gauge providing a thicker more cushioning and robust glove, while the 18 gauge PolyKor X7 boasts the finer more sensitive feeling liner with the added benefits of Smart Screen Technology.

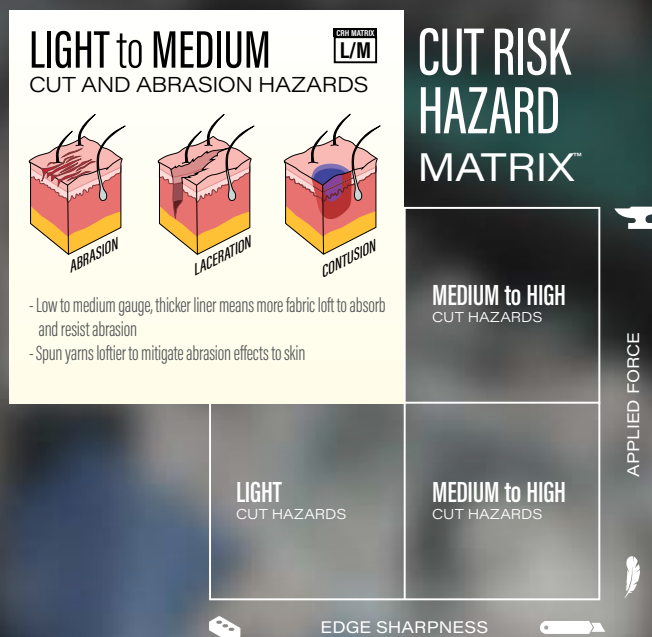


G-TEK Polykor® X7™ 16-939

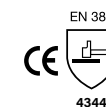
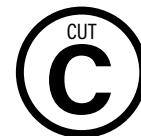
18G CUT C, PROTECTION FROM LUBRICANTS & OILS

FULLY COATED OIL RESISTANCE & CUT LEVEL C PROTECTION

Introducing the new G-Tek® PolyKor® 16-939, a unique all-around glove featuring a double dipped nitrile coating offering superior oil and liquid resistance. The ultra-thin 18G PolyKor® blended shell with X7™ technology provides a high degree of dexterity and A3 / Cut Level C protection. This high performance glove has a nitrile microsurface grip on the palms and fingers, ideal for handling small sharp parts in dry, wet and oily conditions.



WET/OILY CUT RESISTANT RANGE



16-939

G-TEK® POLYKOR® X7™ DUAL COAT

- G-Tek® PolyKor® X7™ Dual Coat gloves provide light medium cut resistance EN388 Cut Level C and ANSI/ISEA 105 A3 protection rating.
- P.I.P patented PolyKor® X7™ 18 gauge ultra fine seamless knit liner technology with durability and dexterity for precise fingertip grip and control.
- Double dipped full nitrile coating featuring palm micro-surface for improved wet/oily grip. Hands will remain safe and dry with no contamination contact by liquids or oils.
- Touch screen functionality.

APPLICATIONS: Plumbing and Draining, Refineries, Oil and Gas, Mechanical Service and Maintenance, Heavy Parts Assembly, Water Utilities and Irrigation, Sewerage Treatment Works.



30-733

G-TEK® WETWORK 3

- G-Tek® WetWork Cut 3 gloves offer light to medium level EN388 Cut 3 protection.
- Designed with soft feel 13 gauge PolyKor® fine thread seamless knit liner for sensitivity.
- Double dipped nitrile coating creates a liquid resistant coating to over the knuckle bar from inner layer nitrile dipping process. The Micro-Cup wet grip surface coating on palm and fingers from the outer nitrile coating provides superior grip in wet and oily situations.
- Thumb crotch reinforced layer for extra cut/abrasion protection.

APPLICATIONS: Wet Component Assembly, Hose Coupling Connections, Lubrication Servicing, Drive Train Assembly, Agricultural Applications, Heavy Machining, Maintenance, Concrete/Building Construction, Plumbing/Irrigation.

CUT RESISTANT GLOVES - WET/OILY

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
16-939-(SIZE)	4X42C	Nitrile MicroSurface	Fully coated, double dipped	Black/Blue	PolyKor® Engineered Yarn	Blue Gray	18	7-11	12 PAIRS	36 PAIRS
30-733-(SIZE)	4344	Nitrile Micro-Cup	3/4 coated, double dipped	Black/Green	PolyKor® Engineered Yarn	Light Blue	13	7-11	12 PAIRS	36 PAIRS



SUPERSKIN + GENERAL PURPOSE RANGE

SKIN CONTOURING TECHNOLOGY RANGE.

Each of us are individuals and as such, we don't have the same shaped hands or finger width / lengths as each other. Therefore, the challenge was to provide gloves that fit each wearer as exact anatomical duplicates to each individual's unique hand and finger shape / size.

The SuperSkin concept utilises the finest quality materials and advanced manufacturing techniques for both the Liners and Nitrile dip coating. The flexibility of this special liner and coating combination creates the perfect formula for multi directional stretch providing our unique 'Protective Skin' which mimics the individual wearers hand, Skin Contouring Technology.





G-TEK SuperSkin 34-323

SKIN CONTOURING TECHNOLOGY WORK GLOVES

FINALLY, GLOVES THAT FIT LIKE THEY SHOULD.

For decades workers have persevered with wearing gloves that simply don't fit properly. The multitude of these ill-fitting gloves contribute to poor tactile grip, lack of fingertip control and the sensitivity required to conduct fine detail work. Our unique design specification was for a new range of safety gloves that would fit and act as 'protective skin,' allowing the wearer to conduct any manual handling task without removing them.



SUPERSKIN RANGE



34-323 G-TEK® SUPERSKIN

- Abrasion and tear resistant to a higher level than traditional leather gloves.
- Seamless knit 15 gauge polyamide/spandex liner offers a precise fit for every hand. Movement activated technology allows the glove to mould to your individual hand shape, providing an un-restricted "second skin" fit and feel.
- Breathable micro-porous nitrile coated palm and fingers for exceptional tactile sensitivity and maximum dexterity. Anti-microbial infusion with high water vapour transmission keeps hands cool and hygienically dry.

APPLICATIONS: Automotive Assembly, Metal and Timber Handling, Mechanical/Maintenance, Building/Construction, Mining and Exploration, Shipping and Warehousing.



34-326HVO G-TEK® SUPERSKIN HVO

- Abrasion and tear resistant to a higher level than traditional leather gloves.
- Hi-vis seamless knit 15 gauge polyamide/spandex liner offers a precise fit for every hand. Movement activated technology allows the glove to mould to your individual hand shape, providing an un-restricted "second skin" fit and feel. Designed with a reflective strip for greater visibility and dexterity for day or night work.
- Patented breathable micro-porous nitrile coated palm and fingers for exceptional tactile sensitivity and maximum dexterity. Anti-microbial infusion with high water vapour transmission keeps hands cool and hygienically dry.

APPLICATIONS: Automotive Assembly, Metal and Timber Handling, Mechanical/Maintenance, Building/Construction, Mining and Exploration, Shipping and Warehousing.



CUT RESISTANT GLOVES - WET/OILY

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
34-323-(SIZE)	4132	Micro-porous Nitrile	Palm & fingertips	Black	Polyamide/Spandex	Black/Orange	15	6-12	12 PAIRS	144 PAIRS
34-326HVO-(SIZE)	4132	Micro-porous Nitrile	Palm & fingertips	Black	Polyamide/Spandex	Hi Vis Orange	15	7-11	12 PAIRS	144 PAIRS

SUPERSKIN NEO RANGE



34-425NEO
G-TEK® SUPERSKIN NEO

- Abrasion and tear resistant to a higher level than traditional leather gloves.
- Seamless 15 gauge polyimide/spandex liner provides an un-restricted "second skin" fit and feel. Unique skin contouring technology allows the glove to mould to your individual hand shape, for maximum wearer comfort and sensitivity.
- Breathable micro-porous NeoFoam® coated palm and fingers for exceptional tactile sensitivity and maximum dexterity. Anti-microbial infusion with high water vapour transmission keeps hands cool and hygienically dry.

APPLICATIONS: Automotive Assembly, Metal and Timber Handling, Mechanical/Maintenance, Building/Construction, Mining and Exploration, Shipping and Warehousing.



GENERAL PURPOSE GLOVES - SUPERSKIN

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
34-425NEO-(SIZE)	4121	Neofoam® MicroSurface	Palm & fingertips	Black	Polyamide/Spandex	Navy/Orange	15	6-12	12 PAIRS	144 PAIRS
34-427HVY-(SIZE)	4121	Neofoam® MicroSurface	Palm & fingertips	Hi Vis Yellow	Polyamide/Spandex	Hi Vis Yellow	15	7-11	12 PAIRS	144 PAIRS

GENERAL PURPOSE WET WORK RANGE



34-282
G-TEK® WET WORK GP

- 18 gauge nylon/spandex blended seamless knit glove with high dexterity dual coat.
- Flat nitrile inner for liquid barrier and nitrile micro-surface outer for wet/dry grip
- Touchscreen compatible with inner glove sanitized treatment for hygienic re-use.
- Designed for precise fingertip control when working on wet or oily tasks.

APPLICATIONS: Service and Maintenance of Machinery, Lubricated Parts Assembly, Engineering Workshop Applications, Water Resources and Sanitisation, Facilities Cleaning, Agricultural Spraying and Horticulture, Marine Aquaculture, Concrete Laying.



GENERAL PURPOSE GLOVES - SUPERSKIN

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
34-282-(SIZE)	4131	Nitrile MicroSurface	Fully coated, double dipped	Black/Blue	Nylon/Spandex	Blue	18	7-12	12 PAIRS	72 PAIRS



ADVANCED BARRIER PROTECTION RANGE

ULTRA THIN BARRIER TECHNOLOGY

This revolutionary new work glove is not just a coated seamless knit glove with an extended coating, it required new technology in the form of a proprietary coating that could be tested for liquid permeation as well as chemical and microorganism penetration under the EN-374 standard, while providing the wearer with the unique 'ultra-thin' feel of a common Disposable glove.



Workers, safety managers and new regulations all demand an added level of protection when working with shared items, equipment, or contact surfaces. Gloves are now being relied upon as a new line of defense against contamination.

Introducing G-Tek® VR-X™

The **FIRST** reusable coated seamless knit glove offering Advanced Barrier Protection using **patent-pending glove technology** found only in G-Tek® VR-X™ series gloves.

NEW RISKS REQUIRE INVENTIVE SOLUTIONS

WHAT IS ADVANCED BARRIER PROTECTION?

PIP*, in collaboration with its key partners, has developed a new biodegradable polyurethane-based coating that offers unprecedented barrier protection in a work glove.

TESTED TO PERFORM IN A WORLD OF NEW GLOBAL RISKS

EN374-5



VIRUS

BARRIER PROTECTION

- > ISO 374-2:2019
Test method for determining the penetration resistance of gloves that protect against dangerous chemicals and/or microorganisms
- > ISO 374-5:2016
Performance testing and terminology to determine protection against microorganisms risks



MICROORGANISM ACTIVITY

- Polyurethane-based coating is tested in accordance to:
- > ISO 21702:2019
Test method for antiviral activity on non-porous surfaces
 - > ISO 20743:2013
Specifies quantitative test methods to determine the antibacterial activity of all antibacterial textile products including nonwovens



LIQUID PROOF
Meeting EN 374-2:2019



SILICONE-FREE



TOUCHSCREEN
COMPATIBLE



OEKO-TEX® STAN-
DARD 100
Tested free of
harmful substances

* ISO 21702 This document specifies proper methods for measuring antiviral activity on plastics and other non-porous surfaces of antiviral-treated products against specified viruses. Due to the individual sensitivities, the results of one test virus might not be applicable for other viruses.

** Test reports are available upon receipt of written request directly from customer inquiring.

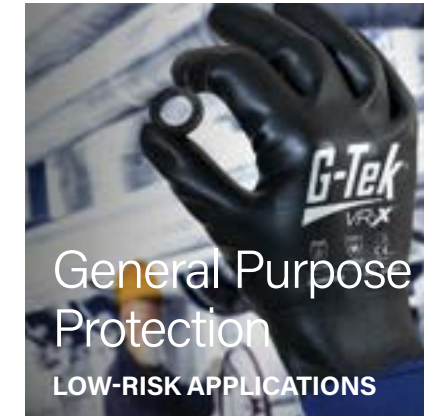


A WORK GLOVE FOR MULTIPLE WORKER RISKS

Disposable gloves are NOT an ideal, sustainable, or effective solution for worker confidence. Workers must wear gloves that help protect them from cuts and abrasion while providing barrier protection. Gloves need effective grip to help workers be productive. That's why they need G-Tek® VR-X™ gloves.



Cut
Protection
LIGHT TO MEDIUM DUTY



General Purpose
Protection
LOW-RISK APPLICATIONS

G-TEK® VR-X™ THE SUSTAINABLE CHOICE vs. DISPOSABLE NITRILE GLOVES

180%
LESS USAGE

15,600
PAIRS USED ANNUALLY
G-TEK VR-X® / 33-VRX180



312,000
PAIRS USED ANNUALLY
DISPOSABLE NITRILE GLOVES
296,400 PAIRS WASTED

133%
LESS WASTE

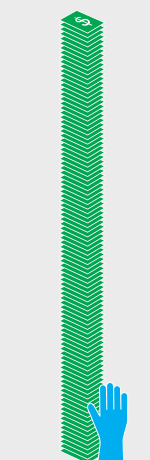
623
KILOGRAMS ANNUALLY
G-TEK VR-X® / 33-VRX180



3,119
KILOGRAMS ANNUALLY
DISPOSABLE NITRILE GLOVES
2,495 KG WASTED

66%
LESS COST

\$97,344
ANNUAL COST (NET)*
G-TEK VR-X® / 33-VRX180

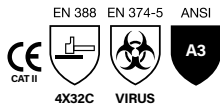
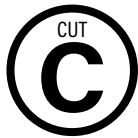


\$193,440
ANNUAL COST (NET)*
DISPOSABLE NITRILE GLOVES
\$96,096 WASTED

Annual numbers are based on the usage of 300 employees changing out four pairs of disposable nitrile gloves per day as opposed to 1 pair of G-Tek® VR-X™ gloves every 5 days. Usage based on medium duty handling tasks.

WARNING STATEMENT: G-Tek® VR-X™ gloves are for industrial use only. G-Tek® VR-X™ meets the testing requirements as outlined in this brochure. These standards relate to performance of protective work gloves. This product has not been TGA or FDA cleared or approved. It is not intended for use in any "clinical or frontline setting" nor does it infer to be PPE intended to prevent the spread of COVID-19. Gloves with enhanced barrier protection help prevent direct personal contact with items, parts, equipment, or surfaces that may be shared. Paramount Safety advises our customers to follow Government guidelines to prevent the spread of COVID-19.

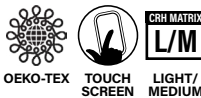
ADVANCED BARRIER RANGE



16-VRX380
G-TEK® VR-X 380 CUT RESISTANT WET AND DRY

- Cut resistant gloves with EN388 light to medium cut Level C protection.
- 18 gauge ultra-thin PolyKor® X7™ knit liner provides absolute perfect fit and control at the finger tips.
- World first single layer polyurethane coating inclusive of VRX "Advanced Barrier" Technology to render inactive the spread of virus and bacteria. Complete 360 liquid proof coating to the wrist area provides wet and dry grip. This reusable glove is tested effective up to 6 wash cycles.
- Touch screen compatible to allow the user to operate a device without removing gloves.

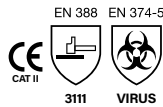
APPLICATIONS: Precision Assembly, Service and Maintenance, Water and Sewerage, Waste/Cleaning Facilities, Law Enforcement and Security, Sharp Parts Handling.



ADVANCED BARRIER GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
16-VRX380-(SIZE)	4X32C	Polyurethane	Fully coated	Black	PolyKor™ Engineered Yarn	Black	18	XS-2XL	12 PAIRS	72 PAIRS

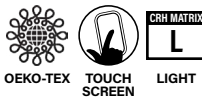
ADVANCED BARRIER RANGE



33-VRX180
G-TEK® VR-X 180 GENERAL PURPOSE

- 18 gauge ultra-thin knit liner provides absolute perfect fit and control at the finger tips. The combination of strength, durability and ultimate dexterity provides a better solution to the traditional nitrile disposable use.
- World first single layer polyurethane coating inclusive of VRX "Advanced Barrier" Technology to render inactive the spread of virus and bacteria. Complete 360 liquid proof coating to the wrist area provides wet and dry grip. This reusable glove is tested effective up to 6 wash cycles.
- Touch screen compatible to allow the user to operate a device without removing gloves.

APPLICATIONS: Workshops/Assembly, Lubrication Service and Maintenance, Water Utilities/Irrigation, Refineries, Oil and Gasworks, First responders/Enforcement, Border Security, Small Parts Handling.



ADVANCED BARRIER GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
33-VRX180-(SIZE)	3111	Polyurethane	Fully coated	Black	Nylon	Blue	18	XS-2XL	12 PAIRS	144 PAIRS



PUNCTURE RESISTANT RANGE

DEXTEROUS, HIGH LEVEL PUNCTURE RESISTANCE

Needle Puncture resistant hand protection is tested to a specific standard for hypodermic needle puncture under ASTM F2878-10. This test is conducted with much finer diameter needles tips than the probes used to test "Mechanical Puncture" in the EN388 glove standards.

With attention paid to forces applied when moving hands around potentially hazardous environments, it is possible to select a mid-level needle resistant fabric that provides improved levels of comfort and wearer dexterity, so hand manipulation is achievable.



NEEDLE STICK PROTECTION

As materials and manufacturing techniques used for glove making have developed over the past decades, the ability to provide specific performance characteristics in hand protection has continually improved.

Yet when trying to understand glove suitability for the intended task, it becomes apparent that the listed brand / manufacturer information relating to Puncture and Needle resistant gloves is not uniformly presented or easily comparable.

In researching this topic, one can find a diverse range of testing methods, certifications and performance ratings quoted in various formats / units of measure. The potential confusion created by these non-complimentary documents and data is distracting from the main purpose of providing clear and distinct information so that employee / employers can evaluate the most suitable product available for the intended purpose.

The Variations in Test Methods

Last Century a European Standard EN388 was created to help determine which glove may best suit what application. It was known as the ‘Protection against Mechanical Risks’ Standard for hand protection and tested for Abrasion, Cut, Tear and Puncture resistance. In this Standard the Puncture test was conducted by a 5mm steel probe (Pencil size) with a rounded point tip 1 mm wide. This probe pressed against the glove palm at a right angle travelling at 100mm/minute. This rather thick object travelling at a slow speed tended to bend, stretch and eventually burst through the material. This test is particularly relevant to static spikes, thick splinters or wire, edges of steel / aluminium.

In November 2010 a new standard test method ASTM F2778-10 was introduced for ‘Protective Clothing Material resistance to Hypodermic Needle Puncture’. In Feb 2016 the American ANSI/ ISEA 105 Standard was updated to include the ASTM F2878-10.

This is now the internationally recognised testing procedure specifically for needle resistant gloves. In this test the fine point Needle travels at 500mm/minute, measuring the amount of force to pierce (Needles have a precise bevelled edge) then pass through material in Newtons force.

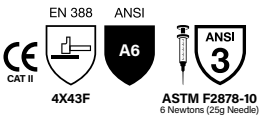
Today some manufacturers are persisting with older test methodologies that are not specifically designed to test hand protection such as the Modified ASTM F1342-05. Some manufacturers are quoting glove performance in other than the Standard International unit of Force which is the ‘Newton’. It is only when you convert their alternate unit measures of force that you can have a clearer appraisal of the actual protection factor. If your glove manufacturer is providing you with measure of force in 1 Pound / foot (lb/ft) this equals 1.3558179 Newton-meters. Others will provide force in Grams 1 = 0.00980665 Newtons.

The importance of Needle Gauge

Take note of the gauge (diameter) of Hypodermic Needle used in the testing. The 25gg Needle is the accepted standard gauge for industry testing. Some tests are conducted with 23gg as the wider Needle tip delivers better performance results (the smaller the gauge number the wider the needle). We find real world reference to gauge when a commonly provided ‘substance addiction’ or Diabetes Needle is 19 or 23 gauge in thickness.



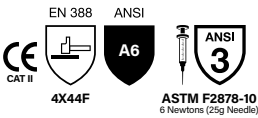
NEEDLE PROTECTION RANGE



E15-4PS EUREKA PUNCTURE SOFT

- Eureka Puncture Soft gloves offer a unique combination of extremely high level cut resistance F protection. Along with a mid level Hypodermic Needle Puncture Resistance according to ASTM F2878-10 of 6N (25g needle). Puncture resistant fabric on fingers tips and thumb crotch.
- Seamless knit para-aramide, FR polyester and fibre glass liner delivers dexterity and protection against a combination of extreme working hazards.
- Breathable nitrile composite foam with FR properties, suitable for contact heat over a short time. Coating provides dry and wet grip.

APPLICATIONS: Metal/Sharps Handling, Recycling/Demolition, Waste Handling, Security and Enforcement, Cleaning and Facilities.



E15-4DUO EUREKA PUNCTURE DUO

- Eureka Puncture Duo gloves provide extremely high EN388 Level F Cut protection, 360 degree Puncture protection from mid-level hypodermic needle puncture resistance according to ASTM F2878-10 of 6N (25g needle) in palm, fingers and back of hand.
- Seamless knit para-aramide, FR polyester and fibre glass liner designed for dexterity and protection against a combination of extreme working hazards.
- Breathable nitrile composite foam with FR properties, suitable for contact heat over a short time. The coating provides good dry and wet grip on palm and fingers.

APPLICATIONS: Metal/Sharps Handling, Recycling/Demolition, Waste Handling, Security and Enforcement, Cleaning and Facilities, Grounds Keeping.



PUNCTURE RESISTANT GLOVES - PARA-ARAMID

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
E15-4PS-(SIZE)	4X43F	Nitrile composite foam	Palm & fingertips	Black	Para-Aramid/PES/Fibre Glass	Green	15	XS-2XL	1 PAIR	12 PAIRS
E15-4DUO-(SIZE)	4X44F	Nitrile composite foam	Palm & fingertips	Black	Para-Aramid/PES/Fibre Glass	Green	15	S-2XL	1 PAIR	12 PAIRS



IMPACT VIBRATION RANGE

SPECIALISED IMPACT VIBRATION PROTECTION

Specialised Protective gloves are a requirement for different kinds of workplace tasks and for various industrial activities.

Until recently, when working with power tools, vibrating machinery or pneumatically driven impact tools, general foam cell padded palm anti-vibration gloves have been considered as the best Hand Arm Vibration (HAV) protection you can provide. However, the very latest scientific research is uncovering the 'one glove fixes all' misconception.



REDUCING HARMFUL VIBRATION TRANSMISSION

Not so many years ago, we believed that the answer to solving Vibration transmission was a good quality Gel or Foam absorption material in the palm and fingers of a glove. These so called “Anti-Vibration” gloves were the best protection for those who worked with harmful HAV shock producing equipment and machinery

In recent years, study undertaken by ANSI towards the effectiveness of P.P.E against vibration reduction, helped recognise that there is no such thing as an overall effective Anti Vibration glove. In fact there are certain vibration range frequencies that actually increase the wave band intensity (harmful Vibration strength) through the type of ‘shock absorbing’ materials being used in the glove manufacture.

P.I.P Australia in partnership with Eureka Safety have been at the leading edge of this developing science. Investigating how various shock absorbing materials act differently throughout the vibration transmission wave band frequencies. From the developing Vibration Standard testing we can prove how each glove performs in the task of reducing harmful transmissions across various frequency wave bands

An Anti Vibration glove is not worthy of its title unless it can be tested & proven to match the required vibration reduction. At a minimum it should have certification to EN10819 testing.

From a better understanding of the Vibration frequency range and its effect on shock absorption materials. The breakthrough discovery is that at very low vibration frequencies, no materials (to date) are totally effective in reducing the vibration transmissions in total. In fact, most materials actually increase the vibration at certain stages of the frequency wave band, therefore it would be better to have no padding at all in these frequency range circumstances.

THE FINGERS ARE MOST SUSCEPTIBLE TO LOWER FREQUENCY VIBRATING TOOLS AS THESE INDIVIDUALLY LIGHTER & THINNER APPENDAGES ARE PRONE TO AMPLIFY VIBRATION MUCH MORE READILY THAN THE MORE SOLID & MEATIER PARTS OF THE HAND SUCH AS PALM & WRIST

From this new understanding of how slower vibrating tools and equipment create harmful amounts of HAV (Hand Arm Vibration), we have created a glove best suited to the lower spectrum of the Vibration Frequency range

The Eureka Flexi Vibration (Code: EVIB-FLEXI) In an effort to better protect the wearer against lower revving RPM tools, it has no padding on the fingers.

The shock absorbing palm padding material in these gloves has been specifically designed and rigorously tested to provide the most efficient performance in reducing harmful vibration transmission all the way up to a frequency range of 350Hertz (or 21,000 RPM).

These lower revolution tools and equipment are commonly used in Mechanical workshops (tyre fitting, assembly rattler guns); Lawn & garden care (Chain saws and brush cutters); Engineering works (Grinders, sanders) etc.

For Tools and equipment at the high-speed revolution spectrum above 350Hz (21,000RPM), such as pneumatic air grinders; or high-speed cutters, we have the Impact Eureka Vibration glove (Code: EIMP-VIB) with specially developed vibration reducing padding in the fingers & palm.

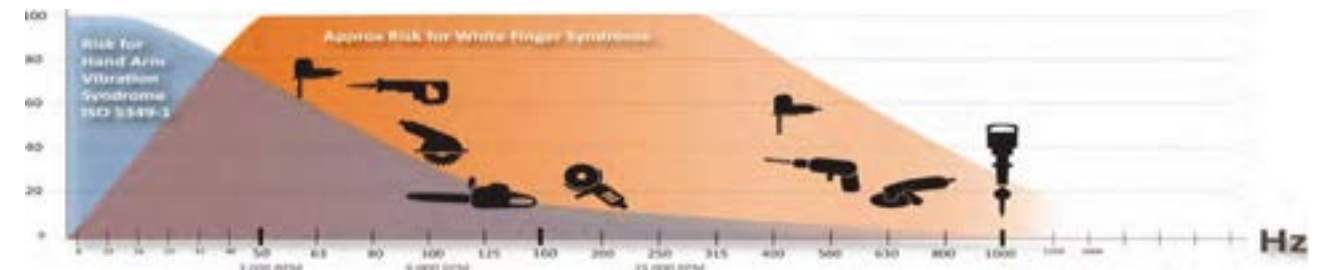
For more information on this topic visit:
www.pipaus.com/article



IMPACT VIBRATION RANGE

Gloves can be very valuable in reducing Hand Arm Vibration Syndrome. Anti Vibration gloves have applications of high protection as well as “No Go” zones where they have little effect or might even be slightly harmful. This information will help to guide you to the right solution!

Hand arm vibration syndrome and vibration induced white finger syndrome.



- Blue curve illustrates sensitivity to hand Arm Vibration syndrome (ISO 5349-1)
- Orange Curve illustrates sensitivity to Vibration induced White Finger Syndrome
- Average vibration stated is always as adjusted with blue curve above unless specified as “unweighted”.

Practical Advice

Real life situations may vary a lot compared to laboratory test conditions. Different people and working positions as well as the tool type, maintenance status of the tool and type of work show large variations in test results.

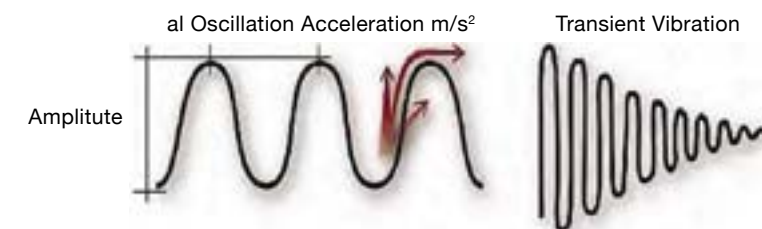
Other very important factors are:
Cold conditions can increase damage to the hand;
High grip force can significantly increase damage and reduce glove protection effectiveness.

Legal Limits in Europe

Daily average weighted accelerations above 2.5 m/s² must be considered and above 5.0 m/s² is prohibited according to EU Directive 2002/44/EC. Eureka advise to map the main frequencies of the vibration exposure in order to fulfill article 4a) in the above directive in a relevant way.

Vibration Sources

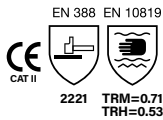
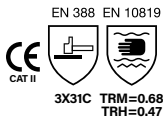
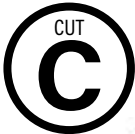
Vibrations are generated by machine motor (rpm), secondary disturbances are usually at higher frequencies and very high frequency transient vibrations from impacting tools.



- Frequency = oscillations per second
 - RPM = Rotations per minute
 - 100 Hz = 6000 rpm, 500 Hz = 30 000 rpm
- Transient Vibration = High frequency, short duration

Acceleration is the speed change per second and best measurement of vibration strength.

IMPACT VIBRATION RANGE



EIMP-VIB
EUREKA IMPACT VIBRATION

- Eureka Impact Vibration gloves designed to reduce vibration transmission at medium to high speed rotations above +350Hz (+21,000 R.P.M) . Tested according to ISO 10819:2013 TRM = 0.68, TRH = 0.47.
- EN388:2016 Cut Rating C.
- Unique Supra Block vibration foam in palm and fingers offers protection from continued exposure to vibrating equipment.
- Covered in micro-fibre with educational messages printed on fingers in silicon grip material.

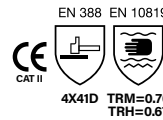
APPLICATIONS: Rivet Guns, Impact Wrenches, Impact Hammers, High Speed Multi Tools, Vibratory Machinery Operation, Use with Angle Grinders, Sanders, Grinders and other similar Frequency Range Tools.



IMPACT VIBRATION RESISTANT GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
EIMP-VIB-(SIZE)	3X31C	Silicone	Palm & fingertips	Gray	Supra Block/Micro-fibre	Black/Yellow	-	XS-3XL	1 PAIR	24 PAIRS
EVB-FLEXI-(SIZE)	2221	Silicone	Palm	Gray	Supra Block/Micro-fibre	Black/Yellow	-	S-3XL	1 PAIR	24 PAIRS

IMPACT VIBRATION RANGE



E15-4VRCUT
EUREKA FLEXI VIBRATION CUT

- Eureka Flexi Vibration Cut gloves designed to reduce vibration transmission for low to mid frequency tools from 50 - 350Hz (3,000 to 21,000 R.P.M). Tested According to ISO 10819:2013 TRM = 0.76, TRH = 0.67.
- High cut resistance reaching EN388:2016 Cut Rating D, with Level F at palm.
- 15 gauge nitrile liner with padded palm offers high comfort and dexterity, with protection against continued exposure to vibrating equipment.

APPLICATIONS: Water Jet Blasting, Motorised Garden Tools, Vibratory Machinery Operation, General Manufacturing, Use with Chain Saws, Impactors, Tractor and Bob Cat Operation, Lawn Mowers, Hedgers, Blowers and Trimmers, Grinders.



IMPACT VIBRATION RESISTANT GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
E15-4VR CUT-(SIZE)	4X41D	Nitrile	Palm & fingertips	Black	Nitrile	Green	15	XS-2XL	1 PAIR	24 PAIRS
MX2920-A-(SIZE)	2121	-	-	Black	Amara synthetic leather	Black	-	M-2XL	6 PAIRS	36 PAIRS



FR & ARC FLASH RESISTANT RANGE

PROTECTION FROM FLAME AND ARC FLASH

An electrical arc fault is often referred to as an Arc Flash. Arc faults arise when current flows through the air between phase conductors or between phase conductors and neutral or ground. Put simply, an arc fault could be described as an unexpected, violent, electrical short circuit in the air that produces an arc and associated by-products such as plasma.

The explosive energy of an arc flash may be enough to seriously burn or otherwise injure nearby persons, ignite flammable materials (including clothing) and cause serious damage to nearby equipment. In most instances an individual exposed to an arc flash incident will have major exposure to their person at the face and hands.



FLAME RETARDANT AND ARC FLASH PPE

In the case of arc flash hazard, the main purpose of Personal Protective Equipment is to reduce burn injury to worker to a level of curable burn.

Personal protective equipment may, or may not, provide adequate protection in the case of arc flash exposure.

It is important that workers understand the use, care, and limitations. Workers must not treat PPE as a substitute for common sense and safe work practices.

The most common and industry accepted PPE that protects the body from arc flash is arc-rated clothing. Arc-rated clothing is tested for performance under exposure to electric arc. This is different from flame-resistant clothing, though arc-rated clothing is also flame-resistant.

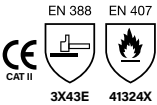
Reference: Electrical Arc Flash Hazard Management Guideline March 2019: ANNEX B

Some of the main considerations of PPE inside arc flash boundaries are:

- All employees within the arc flash boundary to wear arc flash PPE appropriate for the incident energy exposure (Note: this time is dependent on the task being performed so should be specific to the risk assessment requirements);
- PPE should cover all other clothing that can be ignited;
- PPE should not restrict visibility and movement;
- Non-conductive protective head wear is required when in contact with live parts or when there is a possibility of electrical explosion. The face, neck and chin must be protected;
- Eye protection is required;
- Hearing protection is required;
- Body protection is required using arc-rated clothing when the estimated incident energy at the body may cause a second degree (curable) burn (1.2 cal/cm2);
- Heavy-duty leather or arc-rated gloves are required to protect the hand;
- If incident energy exceeds 4 cal/cm2, heavy-duty boots are required to protect the feet.



FR & ARC FLASH RESISTANT RANGE



E13-4HFR EUREKA HEAT FR

- Eureka Heat FR arc flash resistance glove is Arc Flash Certified to ASTM F2675 ATPV:
 - 60% black nitrile coating = 30 Cal/cm2
 - 25% white print (back) = 23 Cal/cm2
 - 15% green liner fabric = 5.8 Cal/cm2With the garments ATPV level reaching NFPA 70E = Level 1 > 4 cal/cm2 (=16.8 joules/cm2).
- EN407 Heat Resistant to contact heat 100°C.
- High cut resistance EN388 E Cut Protection, ISO 13997 = 24.4N.
- Seamless knit para-aramid, FR polyester and chloroprene composite. Comfortable, close fitting, high dexterity glove. Is inherently fire retardant for increased protection.
- Oil and water repellent nitrile coating.

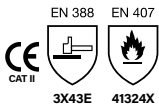
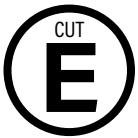
APPLICATIONS: Work on Switch Boards and Electrical Panels, Electrical Facilities Maintenance, Emergency Services/Rural Fire, Oil and Gas Works, Working with Hot and Sharp Objects



FLAME RESISTANT GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
E13-4HFR-(SIZE)	3X43E	Nitrile	Palm, fingertips & back	Black	Para-Aramid/Polyamide	Green	13	S-3XL	1 PAIR	60 PAIRS

FR & ARC FLASH
RESISTANT RANGE



E13-4AFHFR

EUREKA ARC FLASH HEAT FR

- Eureka Arc Flash Heat FR gloves certified to ASTM F2675 ATPV:
 - 60% black nitrile coating = 30 Cal/cm2
 - 25% white print (back) = 40 Cal/cm2
 - 15% green liner fabric = 16 Cal/cm2
- With the garments ATPV level reaching NFPA 70E = Level 2 > 8 Cal/cm2 (=33.5 joule/cm2).
- EN407 Heat Resistant to contact heat 100°C.
- High cut resistance EN388 E Cut protection, ISO 13997 = 24.4N.
- Seamless knit para-aramid liner with anti static yarn, FR viscose, polyamide, fibre glass and spandex. Comfortable, close fitting, high dexterity glove. Is inherently fire retardant with extended cuff for increased protection.
- Coating in chloroprene-nitrile composite foam to improve the fibres ability in withstanding high temperature, flame and arc flash exposures.

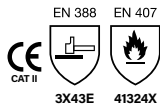
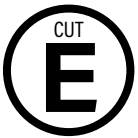
APPLICATIONS: Work on Switch Boards and Electrical Panels, Electrical Facilities Maintenance, Working with Hot and Sharp Objects, Oil and Gas Works, Emergency Services/Rural Fire.



FLAME RESISTANT GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
E13-4AFHFR-(SIZE)	3X43E	Chloroprene-nitrile	Palm, fingertips & back	Black	Para-Aramid/Polyamide	Green	13	S-3XL	1 PAIR	60 PAIRS

FR & ARC FLASH
RESISTANT RANGE



E13-4HAF-50

EUREKA HEAT ARC FLASH

- Eureka Heat ARC Flash gloves certified according to ASTM F2675 ATPV Palm = 41 Cal/cm2, Back = 59 Cal/cm2.
 - With the garments ATPV level reaching NFPA 70E = Level 4 > 40 Cal/cm2 (=167 joule/cm2).
- EN407 Heat Resistant to contact heat 100°C.
- EN388 Level E Cut Protection, ISO 13997 = 24.4N.
- Seamless knit para-aramid liner with anti-static yarn, FR viscose, polyamide, fibre glass and spandex. Comfortable, close fitting glove designed to provide good flexibility and high dexterity. Is Inherently fire retardant with extended cuff for increased protection.
- Coating in chloroprene-nitrile composite foam with grip control for work situations that may require high level protection from arc flash, radiant heat, short duration flame exposure, contact heat or high level cut resistance.

APPLICATIONS: Switching and Racking Breakers, Work on Switch Boards and Electrical Panels, Electrical Facilities Maintenance, High Load Power Generation.



FLAME RESISTANT GLOVES

PRODUCT CODE	EN388	COATING	COATING COVERAGE	COATING COLOUR	LINER MATERIAL	LINER COLOUR	GAUGE	SIZES	QTY/PACK	QTY/CTN
E13-4HAF-50-(SIZE)	3X43E	Chloroprene-nitrile	Palm & fingertips	Black	Para-Aramid/Polyamide	Black	13	S-2XL	1 PAIR	12 PAIRS



EXTENDED USE DISPOSABLE RANGE

PATENTED FISH SCALE PATTERN GIVES SUPERIOR GRIP

Grippaz® Technology features a fish scale pattern that provides unparalleled grip performance. Grippaz® are ergonomically designed to provide traction grip on the outside and on the inside of the glove.

Grippaz® proprietary nitrile formula offers enhanced flexibility and fits more snugly than traditional gloves, providing maximum comfort, durability and dexterity.



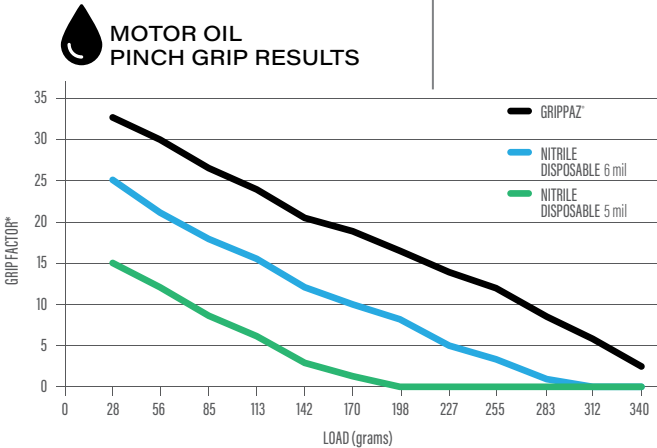
EXTENDED
USE GLOVES

Extended use gloves offer the dexterity and comfort of a light duty glove and the durability needed for a wide variety of industrial applications.

Grippaz® extended use disposable gloves are designed for:

- ALL-DAY USE for most applications — lasts up to 5 times longer than single-use
- HIGH DEXTERITY and TACTILE SENSITIVITY
- SUPERIOR GRIP in wet, dry and oily conditions
- Proprietary nitrile blend for ENHANCED DURABILITY AND CHEMICAL RESISTANCE
- RIP-STOP EFFECT of fish scale pattern limits the risk of exposure and contamination
- PRECISION HANDLING with rotated thumb grip
- Increased PUNCTURE RESISTANCE
- SECURE WEAR with beaded cuff design to keep gloves in place and debris out

The dexterity and comfort of a light-duty glove with the durability needed for a wide variety of industrial applications



* Relative value devised for overall grip and control comparison.

EXTENDED USE
DISPOSABLE RANGE



Grippaz® Skins
Patented Non-Slip Gloves



GNSBDN
GRIPPAZ® SKINS BLACK

GNSODN
GRIPPAZ® SKINS ORANGE

- Enhanced flexibility and comfort while being resistant to many chemicals commonly used in Industrial and OEM applications including oils, grease and cleaning solvents.
- Globally patented fish scale design with internal and external grip pattern provides superior traction with wet or oily parts while significantly reducing hand fatigue.
- Thicker 6 mil, highly flexible, proprietary formulation offers Extended Use by lasting up to 5X longer than regular disposable gloves in industrial applications and out-performing unsupported nitrile gloves in dexterity and tactile sensitivity.
- Touchscreen compatible to allow the user to operate a touch screen phone or device without removing gloves.
- ESD Safe, Surface Resistance per ASTM D257, Static dissipative range at 10^8 ohms, 12%RH, 48hrs @100Volts.

APPLICATIONS: Food Manufacturing, Industrial Applications, Automotive Manufacturing and Repair, Sanitation.



EXTENDED USE DISPOSABLE GLOVES

PRODUCT CODE	21 CFR	AQL	THICKNESS	COLOUR	GRIP PATTERN	POWDER	SIZES	QTY/PACK	QTY/CTN
GNSBDN-(SIZE)	Yes	15	6 mil	Black	Fish Scale	Powder Free	S-2XL	50 PAIRS	10 BOXES
GNSODN-(SIZE)	Yes	15	6 mil	Orange	Fish Scale	Powder Free	S-2XL	50 PAIRS	10 BOXES

PIP GLOVE MATRIX

	Abrasion Score EN388		Cut Score EN388		Tear Resistance EN388		Puncture Resistance EN388		TDM Cut Resistance ISO 13997		Impact Protection ISEA 138		Needle Resistance ASTM F2878 25G		CRH Matrix		Dexterity H/ M/ L		Dry Work		Wet Work		Heat / FR Resistance		Crush Protection		Vibration Reducing		Dual Palm		Dual Finger Tips		Kevlar Stitching		High Vis		Reflective		Touch Screen Function		Nitrile / PPU Foam		Rubber Coat		Leather Palm		Knit Wrist		Open Cuff		Velcro Adjust Cuff		UPF50+ Protection		Open Back		Half or Full Coat	
33-VRX180 G-Tek VR-X 180	3	1	1	1									L	High	●	●																			●	●					●				●													
16-VRX380 G-Tek VR-X 380	4	X	3	2	C								LM	High	●	●																				●	●					●				●												
120-3700X7 ForceShield X7	4	X	4	2	E	P/2							MH	Med	●	●	►	●															●		●	●					●		●	●	►	►												
34-425NEO SuperSkin Neo	4	1	2	1									L	High	●	►																			●	●					●				●	●												
34-427HVV SuperSkin Neo HV	4	1	2	1									L	High	●	►																			●	●	●					●			●	●												
34-326HVO SuperSkin HVO	4	1	3	2									L	High	●	►																		●	●		●					●				●												
16-315HY PolyKor X7 Hi Vis	4	X	4	2	D								MH	High	●	►																		●		●	●					●				●	●											
34-323 G-Tek SuperSkin	4	1	3	2									L	High	●	►																				●				●						●												
CUT3YE G-Tek Cut 3	4	3	4	2									L	High	●	►																		●		●				●						●												
CUT5YE G-Tek Cut 5	4	X	4	4	C								LM	High	●	►																		●		●				●						●												
16-333 G-Tek PolyKor	4	X	4	2	C								LM	Med	●	●																			●				●								●											
16-315 G-Tek PolyKor X7	4	X	4	2	D								MH	High	●	►																		●	●					●						●	●											
16-560V G-Tek PolyKor Level D Vend Ready	4	X	4	3	D								MH	Med	●	●																			●				●								●											
13-4GSC SupraBlock	4	X	4	2	F								H	Med	●	►																				●				●								●										
16-377 G-Tek PolyKor X7 F+	4	X	4	2	F+								H	High	●	►																		●	●					●							●	●										
30-733 G-Tek WetWork 3	4	3	4	4									L	Med	●	●	►										●	●								●						●							►									
16-939 G-Tek PolyKor X7 DC	4	X	4	2	C								LM	Med	●	●												●	●					●	●					●							●	●										
MX2920-A MaxiTek Professional Impact	2	1	2	1										Med	●		►	►	►	●	●	●	●															●				●																
E15-4PS Eureka Puncture Soft	4	X	4	3	F		●						H	Med	●	►	●				●														●				●								●											
E15-4DUO Eureka Puncture Duo	4	X	4	4	F		●						H	Med	●	●																				●			●									►										
EVIB-FLEXI Eureka Flexi Vibration	2	2	2	1									L	Med	●											●	●												●				●															
EIMP-VIB Eureka Impact Vibration	3	X	3	1	C								LM	Low	●											●		●												●				●														
E13-4HAF 50 Eureka HAF 50	3	X	4	3	E								MH	Med	●		FR AF																●				●				●					●		●										
E13-4HFR Eureka Heat FR	3	X	4	3	E								MH	High	●	●	FR AF																●				●			●					●		►											
E13-4AF HFR Eureka AF HFR	3	X	4	3	E								MH	Med	●	●	FR AF																●				●			●					●		●											
E15-4VRCUT Flexi Vibration Cut	4	X	4	1	D								MH	Med	●	●										●											●			●							►											
GNSBON & GNSODN Grippaz Skins													L	High	●	●																			●	●										●		●										

● = Moderate Performance or Half Coat





GET IN TOUCH WITH US

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