

We started a journey almost two decades ago. A group of hardworking people with a new technology that no one had ever seen. One that had the potential to change the way people viewed safety gloves. One that could change the lives of workers across the world.

We started with one industry and one glove. We changed, altered, tested, and trialed until we began eliminating hand injuries for a few large companies. Eliminated – as in ZERO – none. That's when we knew we were changing the landscape of safety forever.

protecting people

We grew and expanded from hand protection to arm, leg, and body protection solving century-old safety problems. We did this by working side-by-side with our customers, creating solutions where others couldn't. When our customers started asking how we could solve other safety problems, we began to seek an innovative partner who shares our values, leads the market globally, and has changed the safety industry in the same way we changed hand, arm, and body protection.

Today, we're proud to say we've achieved just that. With the help of an innovative German PPE partner – a global leader with over 90 years' experience – we've expanded our PPE portfolio, beginning with industry-changing safety eyewear.

This joint venture has allowed us to combine resources and address unsolved issues in safety eyewear through manufacturing, engineering, design, and technical expertise, creating the most advanced line of safety eyewear in the industry.

Now, we're bringing you another essential piece of PPE using the same German engineering and expertise - thoughtful, reimagined head protection. A premium, versatile safety helmet line that offers more comfort, more stability, more convenience and more safety than your traditional hard hat.

As we continue to grow and expand, we look forward to continuously protecting people, developing groundbreaking head-to-toe PPE solutions that give workers the protection they deserve. Protection that gets them home safe, every day.

Because in the end, we aren't just PPE. We're the confidence, safety, and livelihood of those we protect.





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Rig Lizard® SeriesGlove series with industry-leading impact protection with puncture resistance, over five unique grip options, and a

nimble feel.

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Ceros® Safety HelmetsSafety helmets that are built to deliver more: more comfort, more stability, more style, more safety.



GGT5® Series 64
Heavy duty gloves with highest level impact and puncture protection paired with our industry-leading cut resistant SuperFabric® brand material.



Safety EyewearEyewear that gives you
unparalleled optical quality,
breakthrough permanent anti-fog
coatings, and the comfort and
style needed for all-day wear.



EXT Rescue® 66

Extrication series with industry-leading cut resistance with highest abrasion resistance and back-of-hand impact to safeguard first responders.



Chrome Series®
Mechanic's style gloves built
with maximum dexterity,
durability, and industry-leading
cut resistance.



54

FireArmor® SR-X®
Structural firefighting gloves
equipped with 360-degree
water and heat resistance for
unsurpassed protection.



Chrome SLT®Gloves designed with ultimate comfort in mind, providing unsurpassed dexterity while maintaining cut and puncture resistance.



9000 Series[™] 70
High-dexterity, palm-coated knit gloves with SuperFabric® brand material for Industry-leading cut resistance and industrial puncture resistance.



Helix®
Seamless gloves in a wide
variety of knits and coatings
provide excellent comfort, grip,
abrasion, and cut resistance.



72

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Heavy Duty
Rugged durability with industrial puncture protection and industry-leading cut resistance.



Hex1® SeriesHigh quality general work gloves with superior dexterity, comfort, and abrasion resistance.



Ugly Mudder® SeriesCoated chemical-resistant
gloves with impact protection
developed to keep muds, oils,
and other liquids out of the glove
and away from your hands.



NXT®
Gloves designed for food service with highest level cut resistance and SuperFabric® brand material armor plating on top of a performance shell.



Arm & Body Protection 94
Made with industry-leading
cut resistant SuperFabric®
brand material, giving you the
protection you need most,
where you need it.



ThornArmor®Heavy-duty protection against cactus thorns, needles, and other harmful poke hazards.



ColdRush®
Advanced personal cooling
products for workers in hot
environments.

98



PointGuard® Ultra 84
Highest needlestick
protection on the market
paired with industry-leading cut
resistance.



Yuleys® 99
Reusable shoe and boot covers
with a hands-free design to
maintain clean environments.

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Hex/Armor Safety Helmets



Expect More From Your Head Protection

A head injury – it's the injury we fear most on the job. Yet, hard hat designs haven't seen innovations in decades, leaving the U.S. with nearly 85,000 head injuries per year*. It's time to expect more; to elevate the conversation around head protection. After all, we're talking about protecting your brain, your command center, your livelihood. Introducing the HexArmor® Ceros® family of safety helmets. Thoughtful, reimagined head protection. More comfort, more stability, more style, more safety. All for you, always standard, with every Ceros® safety helmet.

*Source: US Bureau of Labor & Statistics

Wearability[®]: The Key to Compliance

At HexArmor®, we know the best PPE is the PPE that is worn - which is why we've designed Wearability® into every safety helmet we make. Wearability® equals compliance. It's PPE that doesn't get in the way and lets you focus on the task at hand.



Premium Details for Comfort

Engineered to raise industry standards in comfort and fit, all Ceros® safety helmets come standard with a completely pre-assembled, premium, six-point AirBridge® suspension system with 360-degree comfort padding around the entire ring, along with the SwiftLock® one-hand-turn wheel ratchet system.



Climate Controlled Environment

Proper ventilation is vital for a cool, comfortable fit. Designed for workers in motion, the adjustable HexVent® Airflow system includes front and back vents for a logical airflow that enters the front of the safety helmet and exits through the back and, when closed, protects against the elements.



More Stability, Coverage, and Visibility

The extra back-of-head coverage and lower center of gravity of Ceros® safety helmets eliminate the wobbly feeling of higher-sitting hard hats for secure, stable protection from falling or deflected debris. Plus, shorter brim options offer a greater upward field of vision.



Click-and-Go® Magnetic Accessories

Click and go – it's that easy. For a faster, hassle-free solution when utilizing accessories, Click-and-Go® magnetic face shields and earmuffs are designed to be added, removed, and adjusted with ease, while also nesting tightly to the safety helmet to reduce neck strain.

Gear Up and Go: Comfortably and Safely

AirBridge® Suspension System



meet the wearers' head – the suspension system. The premium six-point AirBridge® suspension system by HexArmor® is constructed of soft polyester straps that are ultrasonically welded to eliminate the discomfort and weakness resulting from stitching the fabric together.

The sweatband is constructed with a moisture-resistant, easily replaceable, coated synthetic leather. It also covers the entire ring unlike most hard hats on the market.

Adjusting the size is simple with the HexArmor® SwiftLock® one-handturn wheel ratchet. Removable, comfortable padding envelops the ratchet for full 360-degree head ring comfort.

With Ceros, your safety helmet is pre-assembled by a safety



Ships

Ventilation That Moves The Way You Do

HexVent® Airflow System

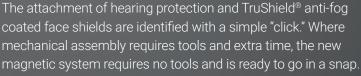
The climate inside a safety helmet can have a big impact on wearer comfort and compliance. That's why we introduced a simple concept – ventilation that moves the way you do. With the HexVent® airflow system, a North American safety industry first, air moves front to back, giving the wearer a cool sensation while in natural motion over the course of the day. Vents can be opened and closed to control the amount of airflow or to prevent dust, debris, rain, or moisture from entering the helmet.





Speed Meets Convenience Click-and-Go® Magnetic Accessories





Ceros® was designed so that each accessory nests close to the safety helmet. This reduces the strain on the neck by keeping the weight of the accessories in closer proximity to the center of the safety helmet. The design of the Ceros® face shield also eliminates it from being a catch hazard, giving wearers streamlined protection from all angles.



More:

Coverage, Stability, Visibility, and Compatibility

Rethink what you know about safety helmet design. German-engineered with the latest in PPE technology, all Ceros® safety helmets offer ergonomically correct, true center of gravity head protection that feels lighter and more stable than anything on the market.

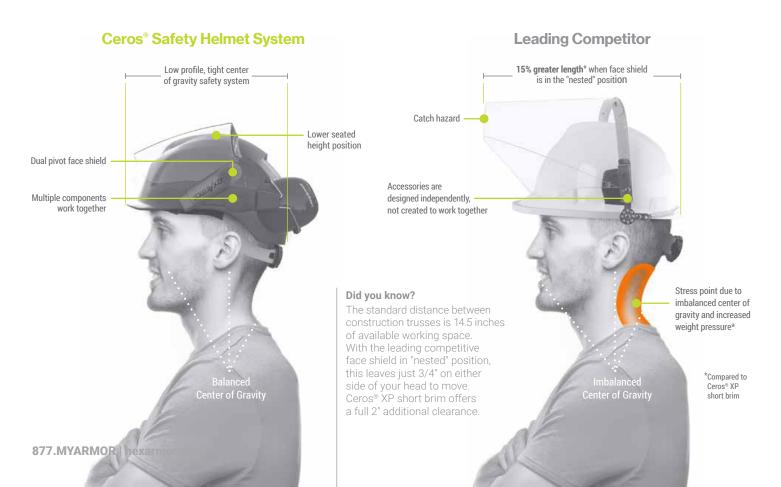
Integrated, tightly-nested accessories allow for streamlined positioning and weight distribution that increases security and balance – particularly noticeable when working at height, in windy conditions, tight quarters, or environments with low hanging hazards.

When your safety helmet and accessories work as a system – not as separate components – not only will transitioning between PPE needs be faster and easier, but you'll keep fatigue and neck strain at an all-time low – and productivity high.

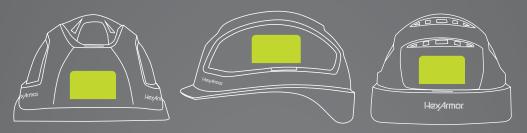
Plus, storage is easy. The tight nesting capabilities of all accessories means less potential for damage, which increases the longevity of your safety helmet.

Seamlessly Integrated Safety Helmet System

Ceros® safety helmets and accessories are designed as one system to maximize compliance and versatility. A safer head, face, and hearing protection system working as one, by design.



Customization

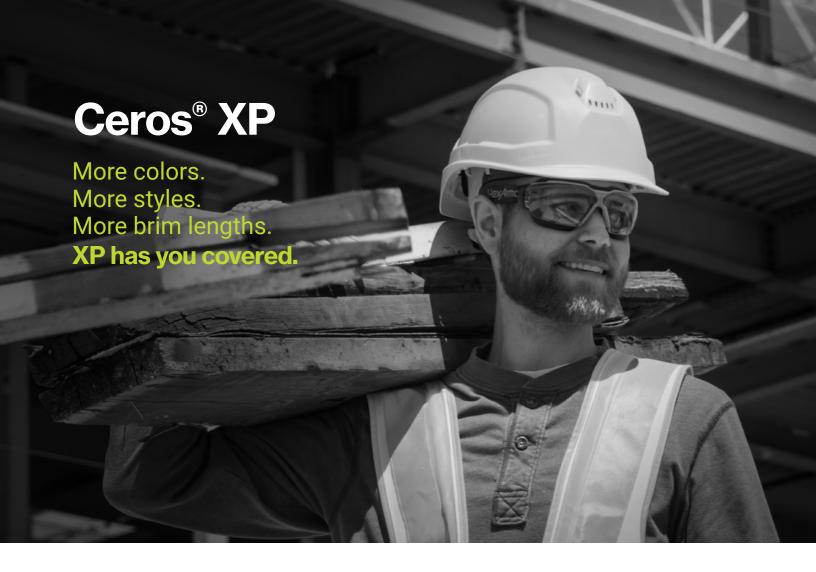


Your Brand + HexArmor® Safety Helmet Protection

HexArmor® gives you the option to customize all HexArmor® Ceros® safety helmets so that your employees' equipment matches your corporate identity specifications.

Contact HexArmor® with your customization guestions or requests.





Ceros® XP comfortable, premium safety helmets

Comfort + Fit

- · Pre-assembled six-point AirBridge® suspension system ensures optimal fit and comfort
- HexVent® airflow system permits variable airflow for complete climate control (XP Vented Class C only)
- · Premium, moisture-resistant, removable sweatband that extends from ear-to-ear
- Sizes $6^{3}/8 8 (6^{7}/8 8 IES)$

Performance + Safety

- · Premium HDPE material shell
- All XP safety helmets meet ANSI Z89.1 standard, Type 1, Class C, or Class E, LT (low temperature)
- · Available in long brim or short brim

Compatibility + Convenience

- Slots for HexArmor® face shields and earmuffs
- · Click-and-Go® magnetic accessory options
- Mechanical accessory options
- SwiftLock® one-hand-turn wheel ratchet for convenient and easy size adjustment

Standards

ANSI Z89.1 CE EN397

Vented Class C

Three variable air vents for maximum ventilation

Long brim, vented

Color	XP 200
White	16-10001
Blue	16-10002
Yellow	16-10003
Green	16-10004
Orange	16-10005
Grev	16-10006
Black	16-10007
Red	16-10008



Non-Vented Class E

Helmet shell is fully enclosed, making it suitable for electrical work

Long brim, non-vented

Color	XP 200E
White	16-12001
Blue	16-12002
Yellow	16-12003
Green	16-12004
Orange	16-12005
Grey	16-12006
Black	16-12007
Red	16-12008



Short brim, vented

Color	XP 250
White	16-11001
Blue	16-11002
Yellow	16-11003
Green	16-11004
Orange	16-11005
Grey	16-11006
Black	16-11007
Red	16-11008



Short brim, non-vented

Co	lor	XP 250E	
W	nite	16-13001	
Blu	Je .	16-13002	
Ye	llow	16-13003	
Gr	een	16-13004	
Or	ange	16-13005	
Gr	ey	16-13006	
Bla	ack	16-13007	
Re	d	16-13008	



Short brim, vented, with removable 4-point chin strap

Color	XP 450A
White	16-14001
Blue	16-14002
Yellow	16-14003
Green	16-14004
Orange	16-14005
Grey	16-14006
Black	16-14007
Red	16-14008



Short brim, non-vented, with removable 4-point chin strap

Color	XP 450AE
White	16-15001
Blue	16-15002
Yellow	16-15003
Green	16-15004
Orange	16-15005
Grev	16-15006
Black	16-15007
Red	16-15008



Colors available:





Blue





Green











Ceros® XPIES

Focus on your job, not your eyewear.

Integrated Eyewear System (IES)

The Ceros® XPIES includes an integrated clip that allows for easy access to HexArmor® MX200 safety eyewear, which can be pushed up and easily stored inside the helmet or pulled down to sit on the nose. The sliding element works independently of the helmet so any impact will not affect the position of the eyewear.

Simple to Use

The clip system with the integrated eyewear allows eyewear to be easily attached and removed for cleaning or replacement.

Increased Options

The LTX® lens technology of HexArmor® safety eyewear not only ensures a wide field of vision and an optimum fit but is also available with a range of different tints and TruShield® coating options for the lenses.

Increased Safety

The unique construction of the IES means that even when the safety helmet is impacted, it's not transferred to eyewear, ensuring the best possible protection for the wearer.



XP250IES Class C

XP500IES Class C

Three variable air vents for maximum ventilation

Three variable air vents for maximum ventilation





Colors available:



HexArmor® **Eyewear** (sold separately)



Unrivaled Anti-Fog and Scratch-Resistant Protection

HexArmor® Ceros® Face Shield With TruShield® Coating

Comfortable, close-fitting protection with anti-fog and scratch-resistant technology.

HexArmor® face shields are purpose-built to:

- Sit comfortably closer to the face for more protection
- Conveniently Click-and-Go® on HexArmor® safety helmets with the magnetic accessory system
- Keep vision completely clear with TruShield® anti-fog coating on the inside of the face shield and increase longevity with a scratch-resistant hard coat on the outside
- Nest evenly across the top of the helmet when pushed up and not in use, so wearers experience less strain and more balance
- Be compatible with HexArmor® earmuffs
- Meet ANSI Z87.1-2015, High Impact Z87+, CE EN166, CSA Z94.3 standards

TruShield® is a multipurpose dual coating that offers anti-fog protection on the inside of the face shield and a scratch-resistant hard coat on the outside of the face shield.



Ceros® XP Accessories

XP Click-and-Go® Magnetic Face Shield Kit

17-13001

Includes:

Magnetic helmet adapter



Includes:

· Mechanical helmet adapter

XP

17-12001

Sun Glare/Rain Cover

For use with both mechanical and magnetic face shields







Replacement Parts

Face Shield Window

17-27001

For use with both mechanical and Click-and-Go® magnetic face shield kit



Click-and-Go® Magnetic Helmet Adapter

For use with the Click-and-Go® magnetic face shield for XP helmets





Protect Your Hearing - Comfortably

HexArmor® Ceros® Earmuffs

When it gets loud on the job, trust HexArmor® earmuffs to dampen the noise and comfortably protect your hearing.

Every detail of the new Ceros® safety helmet system has been thoughtfully designed to deliver an advanced head protection solution. This includes a Click-and-Go® magnetic system or mechanical system for HexArmor® earmuffs that make it simple to attach. Convenience is key – your safety helmet doesn't need to be removed when attaching or removing the earmuffs.



HexArmor® earmuffs are:

- Easily attachable to HexArmor[®]
 safety helmets via Click-and-Go[®] magnetic or mechanical face shield system, or
 slot adapted directly to helmet when only hearing protection is required
- Snug-fitting for comfort and protection
- · Available for varying decibel levels of noise reduction and color-coded for easy identification
- · Lightweight with length adjustment options for various head shapes
- · Comfortable with soft ear cushions that adapt to the surface and head shape of the wearer
- Designed with 360-degree rotation resting options when nesting against HexArmor® safety helmets
- Compatible with HexArmor® face shields



Use with face shield

K1M earmuffs

17-17001

ANSI S3.19-1974 Z94.2-2014 EN 352-1

· Compatible with mechanical face shield







K1M magnet earmuffs

17-18001

ANSI S3.19-1974 Z94.2-2014 EN 352-1

· Compatible with magnetic face shield







K2M earmuffs

ANSI S3.19-1974 | Z94.2-2014 | EN 352-1

· Compatible with mechanical face shield







K2M magnet earmuffs

ANSI S3.19-1974 | Z94.2-2014 | EN 352-1

• Compatible with magnetic face shield







17-18002

Use without face shield - slot adapted

K1C earmuffs

17-15001

ANSI S3.19-1974 Z94.2-2014 EN 352-1 NRR 22 dB CSA Class B SNR: 27 dB, H: 32 dB, M: 24 dB, L: 17 dB







K2C earmuffs

17-16001

ANSI S3.19-1974 Z94.2-2014 EN 352-1 NRR 25 dB CSA Class A SNR: 30 dB, H: 35 dB, M: 27 dB, L: 20 dB







Replacement parts

Earmuff hygiene kit type 1

17-28001





Earmuff hygiene kit type 2

17-29001





Accessories

XP 4-Point Chin Strap



XP Goggle Clip



XP Rain Plug Kit

17-24001



ColdRush® Cooling Safety Helmet Insert





XP Reflective Sticker Set



note: stickers do not come applied to helmet

Replacement Accessories

XP AirBridge® Suspension System

17-19001

17-20001



IES AirBridge® Suspension System

17-19002



XP Sweatband



IES Sweatband



XP SwiftLock® Wheel Rachet Padding

17-25001









for Ceros® Safety Helmets

Part #	Compatibility
17-50002	XP Short Brim
17-50003	YP Long Brim



for Hard Hats

Part #	Compatibility
17-50010	MSA V-Gard®, MSA Topgard®, Bullard® C33, Radians Quartz™, Honeywell E-1 & 3M™ H-800 Series - Full Brim
17-50020	MSA V-Gard®, 3M™ H-700 Series - Cap Style
17-50021	MSA Topgard®, Honeywell E-2 - Cap Style
17-50030	Bullard® C34/C35 - Full Brim
17-50031	Bullard® C30 Cap, Radians Granite™ - Cap Style
17-50040	Kask Zenith
17-50050	ERB® Americana - Full Brim
17-50051	ERB® Americana - Cap Style
17-50052	ERB® Omega - Full Brim
17-50053	ERB® Omega - Cap Style
17-50060	3M™ Securefit - Cap Style
17-50070	Pyramex® Ridgeline - Full Brim
17-50071	Pyramex® SL - Full Brim
17-50072	Pyramex® SL Sleek - Full Brim
17-50073	Pyramex® Ridgeline - Cap Style
17-50074	Pyramex® SL - Cap Style



Arc-flash tested for Hard Hats

Part #	Compatibility
17-60060	3M Securefit - ARC - Cap Style
17-60010	MSA V-Gard®, MSA Topgard®, Bullard® C33, Radians Quartz™, Honeywell E-1 & 3M H-800 Series - ARC - Full Brim
17-60020	MSA V-Gard - ARC - Cap Style
17-60021	MSA TopGard - ARC - Cap Style
17-60030	Bullard C-34 - ARC - Wide Brim
17-60031	Bullard C30 - ARC - Cap style
17-60040	Kask Zenith - ARC

Accessory Compatibility

Helmet Accessories

Product Name	Part #	XP200	XP250	XP200E	XP250E	XP450A	XP450AE	XP500IES	XP250IES
XP Mechanical Face Shield	17-12001		◊		◊	◊	◊		◊
XP Magnetic Face Shield	17-13001		◊		◊	◊	◊		◊
XP AirBridge® Suspension System	17-19001	•	•	•	•	•	•		
IES AirBridge® Suspension System	17-19002	◊	◊	◊	◊	◊	◊	◊	◊
Sweatband	17-20001	•	•	•	•	•	•		
IES Sweatband	17-20002							◊	◊
XP 4-point Chin Strap	17-11001	◊	◊	◊	◊	•	•	◊	◊
Wheel Rachet Padding	17-25001	◊	◊	◊	◊	◊	◊	◊	◊
Rain Plug Kit	17-24001	◊	◊	◊	◊	◊	◊	◊	◊
Goggle Clip	17-21001	◊	◊	◊	◊	◊	◊	◊	◊
K1C Earmuffs	17-15001	◊	◊	◊□	o □	◊	o □	◊	◊
K2C Earmuffs	17-16001	◊	◊	Φ¤	٥¤	◊	٥¤	◊	◊
ColdRush® Safety Helmet Insert	6003	◊	◊	◊	◊	◊	◊	◊	◊
HexShade® UV XP Short Brim	17-50002		◊		◊	◊	◊		◊
HexShade® UV XP Long Brim	17-50003	◊		◊				◊	
Reflective Sticker Set - Silver	17-23001	◊	◊	◊	◊	◊	◊	◊	◊
Reflective Sticker Set - Hi-Vis	17-23002	◊	◊	◊	O	◊	◊	◊	◊

Face Shield Accessories

Product Name	Part #	XP Mechanical	XP Magnetic
Face Shield Window+	17-27001	◊	◊
Sun Glare/Rain Cover	17-22001	◊	◊
K1M Earmuffs+	17-17001	δ¤	
K1M Magnet Earmuffs+	17-18001		⊘ □
K2M Earmuffs+	17-17002	◊	
K2M Magnet Earmuffs+	17-18002		◊
Magnetic Helmet Adapter	17-26001		◊

Earmuff Accessories

Product Name	Part #	K1C	K2C	K1M	K1M Magnetic	K2M	K2M Magnetic	K1	K2	К3
Earmuff Hygiene Kit Type 1	17-28001	◊						◊		
Earmuff Hygiene Kit Type 2	17-29001		◊	◊	◊	◊	◊		◊	◊

^{*}Requires a face shield or adapter purchase

[®]Warning: earmuffs are not dielectric

^{♦ =} Compatible

^{♦ =} Supplied as standard

Proper Fit + Care

How Should Your Safety Helmet Fit?

Head injuries are the costliest injury in the safety industry, both literally and figuratively. There's an average of 84,750 injuries per year. The average cost per injury claim is almost \$81,000*. It's not enough to wear a safety helmet; it's equally as important that it fits correctly, so you're properly protected.

Use these tips to ensure your HexArmor® Ceros® safety helmet fits properly:

- When you put your safety helmet on, the pre-assembled AirBridge® suspension system should comfortably rest on your head
- Height can be adjusted with the variable slots in rear of suspension system for optimized comfort
- Use the one-hand wheel ratchet to ensure a snug fit, but not so tight that it causes discomfort or irritation
- · Always wear your safety helmet with the brim of the helmet facing forward

HexArmor® Ceros® safety helmets are not meant to be worn backward or reverse-donned, nor are they tested in this position, and therefore compliance or performance cannot be guaranteed.





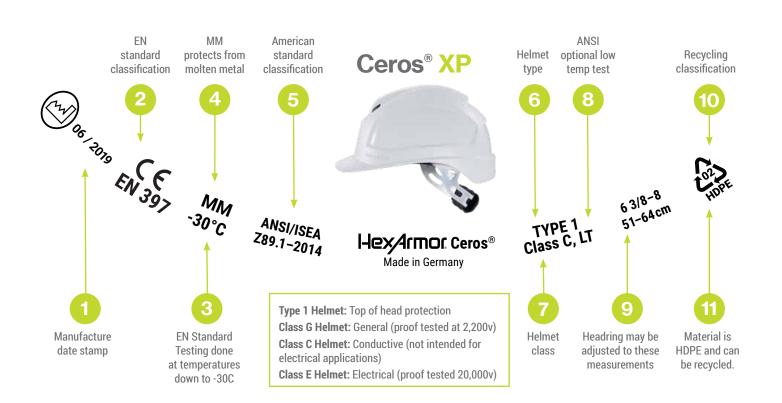
- Perform daily inspections on your helmet and suspension system
 - · Replace your helmet immediately if it sustains an impact
 - · Clean your helmet and suspension system regularly with mild soap and water
 - · Replace your suspension system every 12 months and your sweatband as needed

- Store items in or around the suspension system and shell while wearing
 - Leave your helmet sitting out in the sunlight after use
 - · Use paint, chemicals, or other solvents on your helmet
 - · Modify, engrave, or alter your helmet shell or suspension
 - Sit on your safety helmet

*Source: US Bureau of Labor & Statistics



Safety Helmet Markings





The Most Innovative Eyewear in the Industry

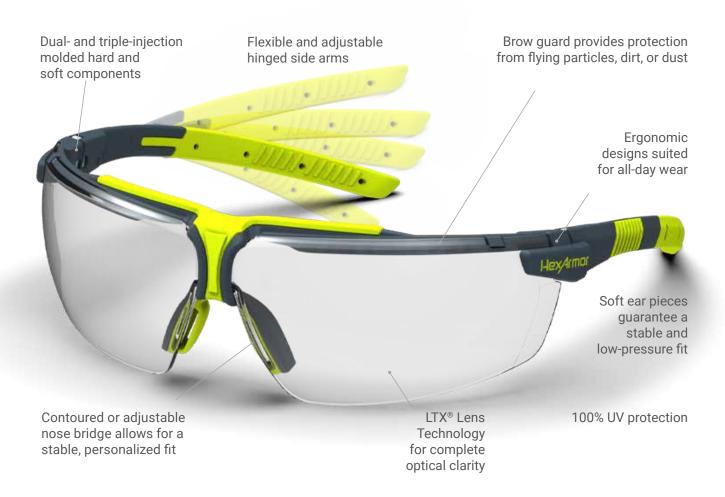
Well thought-out design. Industry-leading technology. The highest quality materials. This is what you've come to expect from HexArmor® PPE. This trend continues with HexArmor® Safety Eyewear. Made in Germany and backed by over 90 years of expertise, from the product design to the coating technology and frame manufacturing, you'll experience a purpose-driven product unlike any eyewear in the Americas.

Premium Components

Starting with our manufacturing process, our proprietary dual- and triple-component injection molding technique blends hard and soft components to give wearers the highest durability, comfort, and fit on the market. Through our joint venture, our combined manufacturing plants, engineers, and scientists are all working together to deliver unique products of the highest quality.

LTX® Lens Technology

Proprietary LTX® Lens Technology with edge-to-edge optical clarity is the byproduct of 90+ years of German-manufacturing and optical expertise, giving wearers as close to natural vision as possible for fewer headaches, eye fatigue, and strain. All lenses are manufactured in-house with quality checks throughout the production process to ensure that any deviation in optical quality can be immediately corrected.



Coatings

Hydrophobic vs. Hydrophilic

For fundamentally different coatings that outperform anything on the market while maintaining their performance over time, HexArmor's chemically engineered anti-fog technology absorbs moisture droplets as they hit the lens, eliminating fog. This moisture absorbing process is known as hydrophilic and is found in all HexArmor's anti-fog coatings.

Taking this process one step further, HexArmor® uses specialized dual-action hydrophilic coatings for extreme applications that cause moisture to spread on the lens and then absorb, eliminating fog permanently.

Traditional coatings in the safety eyewear market use hydrophobic technology. This technology causes moisture to spread as it hits the lens, eliminating fog. Although effective for a short period, hydrophobic anti-fog coatings are detergent based and wash off over time. This type of short-term fog protection leads to compliance issues and eyewear being treated as disposable.

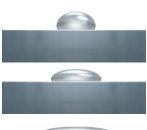
Cleanability: HexArmor® vs. Competitors

HexArmor's permanent anti-fog coatings ensure the lenses stay true to their nature, leading them to outperform even the highest-performing competitors - and surpassing the ANSI anti-fog standard for the lifetime of the eyewear.





With **hydrophilic** coatings, moisture is absorbed into the coating, eliminating fog.





With **hydrophobic** coatings, moisture spreads across the lens, eliminating fog.



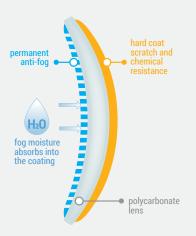
*One wash is equal to cleaning by thumb with rotary movement and medium pressure under running warm water for five seconds.

Flow-Coating

Flow-coating is profoundly different from other traditional dip-coating methods used by other safety eyewear brands. Flow-coating allows lenses to be coated one side at a time with either a permanent anti-fog or a scratch-resistant hard coat, giving wearers specific protection where they need it the most. Dip-coating applies an identical coating to both sides of the lens and can sacrifice the quality of one protective property over the other.

Flow-coating technology has allowed HexArmor® to pioneer four completely new coating combinations in the Americas that include permanent anti-fog on the interior of the lens and either a scratch-resistant hard coat or permanent anti-fog on the exterior of the lens. This specialized dual-coating process is exclusive to HexArmor® and is a first for the PPE eyewear industry in the Americas.

TruShield® Multipurpose Coating



HexArmor® TruShield® is a multipurpose dual-coating that's suitable for most applications and environments.

All HexArmor® coatings have four unique characteristics:

- · Permanent, never wash off
- Hydrophilic properties
- Scratch-resistant
- Flow coated

TruShield®2F

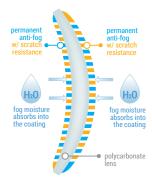
Dual-coated lenses are ideal for clean to moderately dirty work environments, where workers transition from cold-tohot or hot-to-cold. Also provides longlasting scratch-resistant properties.

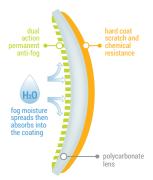
TruShield®S

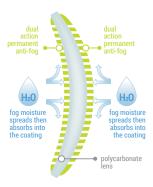
HexArmor® TruShield®S dual-coated lenses are ideal for environments where there's a high degree of dirt or debris, coupled with more severe fogging factors.

TruShield®2SF

HexArmor's specialized dual-action hydrophilic anti-fog coating is ideal for applications where there is constant fogging.







Tints

Clear

91% Light Transmission

HexArmor® Clear lenses offer nearly 100% consistent optical clarity across the entire span on the lens, providing as close to natural vision as possible. Ideal for:

· Most applications with adequate lighting



23% Light Transmission

HexArmor® Grey tint is used to consistently dim the brightness of surroundings without color distortion and helps to reduce eye strain and fatigue. Ideal for:

- Prolonged sun exposure (bright or partially sunny)
- Blocking natural glare and sun glare

Amber

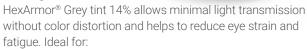
88% Light Transmission

HexArmor® Amber tint brightens and adds contrast to shapes and shadows by sharpening detail in challenging lighting conditions that otherwise would be hard to discern, lowering the strain of focus on the wearers' eyes. Ideal for:

- · Poorly lit working conditions
- Evening work

Grey

14% Light Transmission



- · Prolonged bright sun exposure
- · Blocking natural glare and sun glare

Silver Mirror

53% Light Transmission

HexArmor® Silver Mirror 53% allows moderate light transmission through the lens. This tint protects eyes and reduces the need for squinting, which can cause strain and fatigue on optical muscles. Ideal for:

 Environments with changing light conditions (indoor/outdoor)

CBR65®



Blue Light Filter

HexArmor® CBR65® absorbs up to 50% of harmful blue light with maximum absorption of 450nm, while at the same time a 65% visible light transmission offers better contrast enhancement and relaxed vision to help reduce strain on the eyes and increase comfort. Ideal for:

- · Artificial lighting conditions
- · Indoor workers, as well as outdoor

Silver Mirror

12% Light Transmission

HexArmor® Silver Mirror 12% allows minimal light transmission through the lens. This tint protects eyes from high-glare environments and reduces optical strain and fatigue. Ideal for:

- · Highly artificial and natural glare conditions
- · Prolonged sun exposure



Specialty Technologies

Anti-Reflective

HexArmor® Anti-Reflective coating reduces strain on the wearers' eyes and makes it easier to focus. This coating is scratch-resistant on both sides of the lens and provides 100% UV protection with 96.5% light transmission. Ideal for:

- Precision work that's susceptible to glare
- · Environments with artificial, mixed, or strong overhead lighting
- Detailed tasks

Variomatic/Variomatic Dark

Combined with HexArmor's TruShield® coating, Variomatic coated lenses become automatically darker when exposed to UV (within 10 seconds) and become lighter when exposure is reduced (after 30 seconds). Ideal for:

Frequent movement between indoor and outdoor environments or from light to dark.
 Variomatic

86% light transmission darkens to 14% light transmission

Variomatic Dark

37% light transmission darkens to 6% light transmission

nt to dark.

Polarization

HexArmor's polarized lens technology blocks unnecessary and unwanted glare from workers' sight, allowing them to perceive their surroundings more accurately and clearly. Protection against reflections and optical irritations also allows for great visual comfort, safeguarding against eyestrain and fatigue. Ideal for:

- · Enhancing contrast and detail outdoors
- Applications involving water, sheet metal and snow



Wearability[®]:



The Key to Compliance

HexArmor® safety eyewear was developed as a natural extension of our core mission: to send every worker home safe, every day. To accomplish this, we knew the safety eyewear we designed and manufactured needed to be a product workers would want to wear – PPE that wouldn't get in the way – because we all know the safest PPE is the PPE that's worn. The best way to ensure that eyewear is being worn? Create a product centered on Wearability® – which is the key to compliance.

At HexArmor, safety eyewear Wearability is comprised of three main factors:

Lens Technology

The part of eyewear that gets little attention (but can have a significant impact) is the lenses. Proprietary LTX® Lens Technology by HexArmor® provides uncompromised optical clarity. This, combined with maximum impact resistance, makes our HexArmor lenses top class.

Coatings Technology

Not all lens coatings are the same. Typical dip coatings don't allow the flexibility of anti-fog and scratch resistance to be applied on different sides of the lens. The flow-coating technique used by HexArmor® allows this flexibility and outlasts all other eyewear on the market.

Fit Architecture

We take fit very seriously. Properly-fitting eyewear gives wearers confidence. It protects from dust and debris, is free of pressure points, is lightweight, and doesn't slip. The right eyewear looks and feels good and is easily compatible with other PPE.

Proper protection with no side effects, this is Wearability.® The result? Compliance.

Hex/Armor | Safety Eyewear





MX200

HexArmor® Eyewear

- · Rimless lens design with wide field of vision
- Dual-injection molded soft-grip side arms for comfort and a non-slip fit
- · Metal-free hinge design
- Beveled lens edge for additional upper eye protection
- Integrated channel for eye ventilation
- · Contoured nose bridge for comfort and fit
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-10001-02
Clear	TruShield®2F	11-10002-03
Clear	TruShield®S	11-10003-04
Clear	TruShield®2SF	11-10004-05
Amber	TruShield®	11-10005-02
Grey 23%	TruShield®	11-10006-02
Silver Mirror 53%	Anti-fog inside	11-10007-06
Attachable Foam Ga	sket	14-10012
Attachable Strap		14-10014

MX200S HexA

HexArmor® Eyewear

- · Slim design for narrow face shapes
- · Rimless lens design with wide field of vision
- Dual-injection molded soft-grip side arms for comfort and a non-slip fit
- · Metal-free hinge design
- Beveled lens edge for additional upper eye protection
- · Integrated channel for eye ventilation
- · Contoured nose bridge for comfort and fit
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-11001-02
Clear	TruShield®2SF	11-11003-05
Amber	TruShield®	11-11004-02
Grey 23%	TruShield®	11-11005-02
Silver Mirror 53%	Anti-fog inside	11-11006-06
Attachable Foam Ga	sket	14-10013
Attachable Strap		14-10014







MX200G HexA

- HexArmor® Eyewear
- · Removable foam gasket for multi-application use
- · Clip-on head strap adjusts for a secure fit
- Dual-injection molded soft-grip side arms for a low-pressure, non-slip fit
- · Metal-free hinge design
- Integrated channel for eye ventilation
- · Contoured nose bridge for comfort and fit
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®S	11-12001-04
Clear	TruShield®2SF	11-12002-05
Grey 23%	TruShield®S	11-12003-04
Silver Mirror 53%	Anti-fog inside	11-12004-06
Replacement Strap		14-10014
Replacement Foam	Gasket	14-10012

MX250

HexArmor® Eyewear

- · Panoramic lens for wide field of vision
- Dual-injection molded low-profile soft-grip side arms for a slip-free, stable fit
- · Metal-free hinge design
- LTX® Lens Technology for complete optical clarity
- · 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-14001-02
Amber	TruShield®	11-14002-02
Grey 23%	TruShield®	11-14003-02
Silver Mirror 53%	Anti-fog inside	11-14004-06









MY300

HexArmor® Eyewear

- · Modern wraparound style offers wide field of vision
- · Dual-injection molded soft-grip side arms for slip-free, stable fit
- Brow guard provides additional protection from flying particles, dirt, or dust
- · Metal-free hinge design
- · Integrated channel for eye ventilation
- · Soft nose piece for comfortable yet durable fit
- · LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

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Lens	Coating	Part Number	
Clear	TruShield®	11-13001-02	
Amber	TruShield®	11-13002-02	
Grey 23%	TruShield®	11-13003-02	
Grey 14%	TruShield®	11-13004-02	
CBR65®	TruShield®	11-13005-02	
Clear	TruShield®2SF	11-13006-05	











MX350

HexArmor® Eyewear

- · Lightweight safety eyewear with headstrap for added protection and maximum comfort
- · Soft seal frame technology adapts to face for customized fit
- · Innovative brow guard provides additional protection from flying particles, dirt or dust
- · Fully adjustable head strap offers secure, pressure-free comfort
- D3/D4 liquid splash-rated ventilation
- · Soft nose piece for comfortable and secure fit
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- · Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, High Impact Rated Z87+, and D3/D4 Liquid Splash Rated

Lens	Coating	Strap	Part Number
Clear	TruShield®S	Cloth	11-23001-04
Grey 23%	TruShield®S	Cloth	11-23002-04
Clear	TruShield®S	Gas-Resistant Neoprene	11-23003-04
Grey 23%	TruShield®S	Gas-Resistant Neoprene	11-23004-04

MX400F

HexArmor® Eyewear

- · Polarized lenses filter against reflections and optical irritations
- · Modern wraparound style offers wide field of vision
- Dual-injection molded soft-grip side arms for slip-free, stable fit
- · Brow guard provides additional protection from flying particles, dirt, or dust
- · Soft nose piece for comfortable yet durable fit
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, and High Impact Rated Z87+

Limited availability

Lens	Coating	Part Number
Grey 14%	Anti-Scratch	11-20001-11





HexArmor® Eyewear

- Ultra-lightweight (21 grams)
- Extra slim wraparound lenses for increased protection
- Dual-injection molded side arm material graduates from hard to soft near the ears for a non-slip, secure fit
- · Flexible hinged side arms
- · Adjustable nose piece for a custom fit
- · LTX® Lens Technology for complete optical clarity
- 100% UV protection
- · Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Limited availability

Lens	Coating	Part Number
Amber	TruShield®	11-17003-02



VS300 HexArmor® Eyewear

- · Triple-injected hard and soft components
- · Soft ear pieces provide a stable and low-pressure fit
- Brow guard provides protection from flying particles, dirt, or dust
- Flexible side arms with 7 inclination levels
- Soft flex nose loops ensure even weight distribution on nose bridge
- 100% metal free
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3*, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-19001-02
Clear	TruShield®2F	11-19002-03
Anti-Reflective	Anti-Reflective	11-19003-07
Variomatic	TruShield®	11-19004-08
Variomatic Dark	TruShield®	11-19010-08
Clear Add+1.0*	TruShield®	11-19005-09
Clear Add+2.0*	TruShield®	11-19009-10
Amber	TruShield®	11-19006-02
Grey 23%	TruShield®	11-19007-02
Silver Mirror 12%	Anti-fog inside	11-19008-06
Attachable Foam Gasl	ket	14-10019

^{*}Add+1.0 and Add+2.0 are not CSA Z94.3 certified



VS250 HexArmor® Eyewear

- · Lightweight (23 grams)
- · Soft, non-slip, adaptive side arms for optimum comfort
- · Contoured lens delivers a wide field of vision
- Extra soft, adjustable nose piece provides a comfortable and customized fit
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®S	11-15001-04
Clear	TruShield®2SF	11-15002-05
Grey 23%	TruShield®S	11-15003-04
Clear	TruShield®2F	11-15004-03
Variomatic	TruShield®	11-15005-08
CBR65®	TruShield®S	11-15006-04
Grey 14%	TruShield®2SF	11-15007-05
Variomatic Dark	TruShield®	11-15008-08
Silver Mirror 12%	Anti-fog inside	11-15009-06





VS300S

HexArmor® Eyewear

- · Slim design for narrow face shapes
- · Triple-injected hard and soft components
- · Soft ear pieces provide a stable and low-pressure fit
- Brow guard provides protection from flying particles, dirt, or dust
- Flexible side arms with 7 inclination levels
- · Soft flex nose loops ensure even weight distribution on nose bridge
- 100% metal free
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-21001-02
Grey 23%	TruShield®	11-21002-02
Attachable Foan	n Gasket	14-10019









HexArmor® Eyewear

- · Triple-injection molded hard and soft components
- Flexible side arms with 7 inclination levels
- Soft flex nose loops ensure even weight distribution on nose bridge
- LTX® Lens Technology for complete optical clarity
- · Replaceable foam gasket
- 100% UV protection
- · Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-25001-02
Grey 23%	TruShield®	11-25002-02
Variomatic	TruShield®	11-25003-08
Replaceable Foar	n Gasket	14-10019

HexArmor® Eyewear

- · Slim design for narrow face shapes
- · Triple-injection molded hard and soft components
- Flexible side arms with 7 inclination levels
- · Soft flex nose loops ensure even weight distribution on nose bridge
- · LTX® Lens Technology for complete optical clarity
- · Replaceable foam gasket
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-27001-02
Grey 23%	TruShield®	11-27002-02
Renlaceable Foa	Renlaceable Foam Gasket	









HexArmor® Eyewear

- · Compact design for compatibility with other PPE
- · Soft seal frame technology adapts to face for a customized fit
- · Wide adjustable head strap for secure, pressure-free fit
- · Indirect ventilation system
- · Low-profile, wraparound adaptive design fits a wide range of facial shapes
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, High Impact Rated Z87+, and D3/D4 Liquid Splash Rated

Lens	Coating	Strap	Part Number
Clear	TruShield®S	Cloth	12-11001-04
Grey 23%	TruShield®S	Cloth	12-11002-04
Clear	TruShield®2F	Gas Resistant Neoprene	12-11003-03
Goggle Cov	er		14-10016



VS450 HexArmor® Eyewear

- Three inclination side arms that can also extend and retract for maximum adaptability
- Extended lens for added protection without restricting peripheral vision
- · Soft nose piece for added comfort and a non-slip fit
- · Soft brow guard with sweat channel
- · LTX® Lens Technology for complete optical clarity
- 100% metal free
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, and High Impact Rated Z87+

ı	Lens	Coating	Part Number
	Clear	TruShield®	11-26001-02
	Grey 23%	TruShield®	11-26002-02

LT200 HexArmor® Eyewear

- Panoramic lens with integrated side protectors and brow guard for total coverage and protection
- Dual-injection molded soft and hard components ensure a secure, pressure-free fit
- Adaptive, flexible side arms with 3 inclinations to fit most face shapes
- Side arms fold flat for easy storage
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Limited availability

Lens	Coating	Part Number
Grey 23%	TruShield®	11-16004-02





LT250 Hex

HexArmor® Eyewear OTG

- · Hinged side arms fold flat for easy storage
- · Adaptive soft grip side arms for a comfortable, secure fit
- Unrestricted peripheral vision with side protection and brow guard for total coverage and protection
- Soft earpieces limit ear pressure
- · Fits over most prescription glasses
- LTX® Lens Technology for complete optical clarity
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-18001-02
Grey 23%	TruShield®	11-18002-02
Variomatic	TruShield®	11-18003-08



LT400 Hex.

HexArmor® Eyewear

- Innovative lens geometry and side arms ensures a close fit for most face shapes
- · Lightweight (23 grams)
- Panoramic lens with integrated side protectors and brow guard for total coverage and protection
- Rimless lens design with wide field of vision
- Open rail side arms for functional accessories
- LTX® Lens Technology for complete optical clarity
- 100% metal free
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Clear	TruShield®	11-22001-02
Grey 23%	TruShield®	11-22002-02
Clear	TruShield® 2SF	11-22003-05





LT300 HexArmor® Eyewear

- · Panoramic clear vision lens optics
- Combines soft and hard components which adapt to wearer's face, creating a soft seal
- · Wide, fully adjustable head strap offers pressure-free comfort
- · Compatible with other PPE, such as respirators
- · Indirect ventilation system
- · Fits over most prescription glasses
- · LTX® Lens Technology for complete optical clarity
- 100% metal free
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, High Impact Rated Z87+, and D3/D4 Liquid Splash Rated

Lens	Coating	Strap	Part Number
Clear	TruShield®	Cloth	12-10001-02
Clear	TruShield®S	Cloth	12-10002-04
Grey 23%	TruShield®	Cloth	12-10003-02
Clear	TruShield®	Gas Resistant Neoprene	12-10004-02
Grey 23%	TruShield®	Gas Resistant Neoprene	12-10005-02
Clear	TruShield®S	Gas Resistant Neoprene	12-10006-04
Clear	TruShield®2SF	Gas Resistant Neoprene	12-10007-05
Flip-Up Sha	ade		14-10015
Goggle Co	ver		14-10016



LT450

HexArmor® Evewear

- · Dual-injection molded soft-grip side arms for comfort and non-slip fit
- · Flexible side arms with adjustable comfort sliders for custom fit
- Panoramic lens with integrated side protectors and brow guard for total coverage and protection
- Rimless lens design with wide field of vision
- Open rail side arms for functional accessories
- LTX® Lens Technology for complete optical clarity
- 100% metal free
- 100% UV protection
- Compliant with ANSI Z87.1-2015, CE EN166, CSA Z94.3, and High Impact Rated Z87+

Lens	Coating	Part Number
Grey 23% with sliders	TruShield®	11-24002-02
Clear	TruShield®	11-24003-02

Eyewear Accessories & Customization

Keeping safety eyewear clean and scratch-free not only keeps workers seeing clearly, but it extends the life of the product as well - resulting in significant cost savings for companies. Our proprietary coatings are chemically formulated to perform differently than any other coating on the market – using standard,* alcohol-based cleaner on them can cause damage. For this reason, we've created specific cleaning supplies to ensure our TruShield® coatings continuously perform to the highest standard.



Cleaning Station Kit

14-10005

Cleaning Station Kit Includes:

- (1) Cleaning Station wall mount. 17.5" wide x 12" tall
- (1) 8oz. bottle cleaning fluid
- (4) Low-lint cleaning tissues replacement boxes.

 Approximately 300 sheets/box. Anti-static. Suitable for all lens types

Individual Cleaning Products

Cleaning Station Wall Mount 14-10004

Wall mount only. 17.5" wide x 12" tall.

Cleaning Tissues 14-10009

Low-lint cleaning tissues. Approximately 300 sheets. Anti-static. Suitable for all lens types.

Cleaning Fluid 14-10006

8oz cleaning fluid. Suitable for all lenses.

Cleaning Wipes 14-10008

Individually sealed, anti-static cleaning wipes for all lens types. 100 per box.



^{*} Using any anti-fog wipes, alcohol-based cleaners or any other non HexArmor® product on TruShield® lenses can cause damage.



Foam Gaskets

14-10012 (MX200) **14-10013** (MX200S)

14-10019 (VS300 & VS300S)





Head Straps

14-10014 (MX200G Replacement Headband)



Flip-Up Shade

14-10015 (LT300)





Goggle Cover

14-10016





Microfiber Pouch

14-10010 (Glasses) **14-10011** (Goggles)



Lanyard 14-10017

Eye Protection Standards

More than 2,000 people suffer hospital-worthy eye injuries at work each day. It's estimated that this represents less than half of all actual incidents. Out of the reported injuries, three out of five injured workers were not wearing eye protection at the time of the accident or were wearing the wrong kind of eye protection for the job (Source: U.S. Bureau of Labor & Statistics, EHS Today). Approximately one in 10 eye injuries require one or more missed workdays to recover. Of those total work-related eye injuries, 10-20% will cause temporary or permanent vision loss.

Eye injuries come at a high cost for workplaces – with U.S. companies having to pay out a combined one billion dollars per year to cover expenses involving hospital bills, insurance, and lost productivity (Source: U.S. Bureau of Labor & Statistics).

Experts believe that the right eye protection could have lessened the severity or even prevented 90% of reported eye injury accidents (Source: Prevent Blindness America).

Eyeglasses are not safety glasses unless both the lenses and the frame follow the compliance specifications laid out for safety eyewear. There are three standards to consider depending on which part of the world you are in:

American ANSI/ISEA Z87.1

The ANSI/ISEA Z87.1 is the standard for safety eyewear in the United States set by the American National Standards Institute (ANSI) along with the International Standards Equipment Association (ISEA). This is also the standard that is incorporated into Occupational Safety and Health Administration (OSHA) regulations for personal protective equipment.

European EN166

All HexArmor® safety eyewear (frames and lenses) is tested against the European EN166 standard.

Canadian CSA Z94.3

The CSA Z94.3 standard of safety eyewear relates to eye and face protectors for industrial applications in Canada.

Exceeding the Standards

When it comes to protecting workers, our mission isn't to just meet the standards. We want to exceed them. Our purpose is to provide you with the highest-quality safety equipment in the market, and we do that with our in-house testing methods that go well beyond the required standards. This ensures you're wearing the best protective product possible.

ANSI Z87.1 Optical Quality UV Protection Impact Strength (45.2/76.2m/s)

Splash Dust Ignition

Scattered Light (filters) Lens Filters

EN166:2002

Optical Quality
UV Protection

Impact Strength (45/120m/s)

Splash Dust

Scattered Light (filters)

Ignition Lens Filters

Extreme Temperatures

UV Resistance Scratch Resistance

Anti-Fog

HexArmor® In-House Tests

Optical Quality
UV Protection

Impact Strength (45/120m/s)

Splash Dust

Scattered Light (filters)

Ignition Lens Filters

Extreme Temperatures

UV Resistance Scratch Resistance

Anti-Fog

Cleaning Properties

Chemical Resistance

Packaging Compatibility
Cosmetics Compatibility

Sweat Compatibility

Product Aging

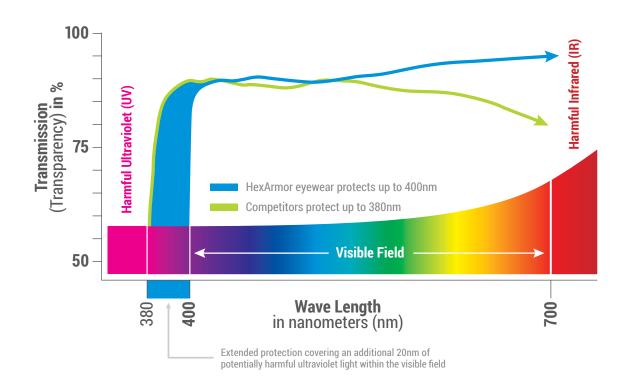
Staining

Product Stress

Spark Resistance



All HexArmor® safety lenses have a direct integration of UV absorption filters to protect 100% of harmful UV rays. HexArmor® lenses offer 100% UVA, UVB, and UVC protection.

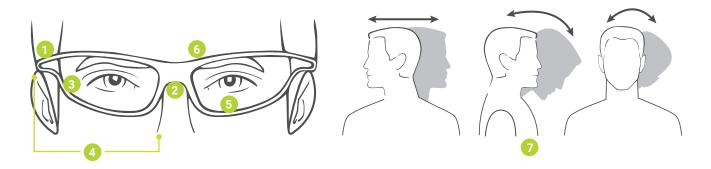


Fit Guide

Safety eyewear should never be treated as one size fits all. Simply wearing any generic pair of safety eyewear isn't enough to protect your eyes. Yes, it decreases the possibility of an injury. However, if your eyewear fits poorly or incorrectly, you're putting yourself at a higher risk for injury.

HexArmor's German-engineered dual-injection mold technology allows us to combine soft and hard components into flex frames that make them comfortable and durable yet highly adaptive. They fit to most face widths or shapes – making Wearability,® protection, and compliance an easier endeavor.

To ensure a proper fit, we recommend using our fit guide and reviewing eyewear descriptions and materials.



- 1 There should be no uncomfortable pressure points on the side of the head or behind the ears.
- 2 The nose piece should be comfortable and contact your nose without pinching.
- 3 You should be able to see in all directions without major obstruction.
- 4 The overall weight of your safety eyewear should be evenly distributed between your ears and your nose so that frames sit comfortably on your face without distracting from tasks.
- 5 Frames should fit close to the face without hitting your eyelashes. The space around the frames and your face should be less than a pencil width. Gaps of less than or equal to 6-8mm are preferred.
- 6 Lenses should cover eyebrow and any soft tissue around it.
- 7 Eyewear should stay in place when you move your head front to back and side to side.

How to Care for Your Eyewear

The number one cause for scratched or underperforming safety eyewear lenses is improper cleaning. Incorrect handling and storage can also cause unnecessary damage to lenses.

Follow these simple care and cleaning steps to increase the life of HexArmor® safety eyewear:

- Lightly blow off any loose dirt or debris from your lenses.
- Rinse your lenses with cool water. HexArmor® eyewear is engineered to have excess dirt cleanly wash off the lens without sticking.
- At your HexArmor® cleaning station, spray the cleaning solution directly onto the lenses.
- 1 Use a lens-safe tissue (provided at the HexArmor® cleaning station) to dry and wipe clean.
- If you're not immediately putting the safety eyewear on, store it in a safe spot or in a pouch or case. Never put unprotected safety eyewear in your pocket.

If a cleaning station is not available, use a soft, dry microfiber cloth to gently wipe your lenses.*

In addition to properly cleaning, check your safety eyeglasses before you put them on to ensure that the lenses and frames are intact. If anything is defective, replace immediately. Inspection is the first line of protection.



^{*} Using any anti-fog wipes, alcohol-based cleaners or any other non HexArmor® product on TruShield® lenses can cause damage



At HexArmor,[®] we're continuously striving to find ways to redefine the standards of safety. Our breakthroughs in materials, design, and functionality are due to workers, like you, who've helped us develop, test and refine our products directly in the field. These innovative developments have changed the way people view hand, arm and body PPE.

Our award-winning gloves and body protection feature top-level cut, puncture, and abrasion resistance –all purpose-built for a wide variety of hazards and applications. No matter the job (or the weather) we have the applicable grips, fabrics, and materials that exceed the required standards and help keep you safe. These patented innovations are what make us today's trusted advisor in the safety industry – a job we take seriously.

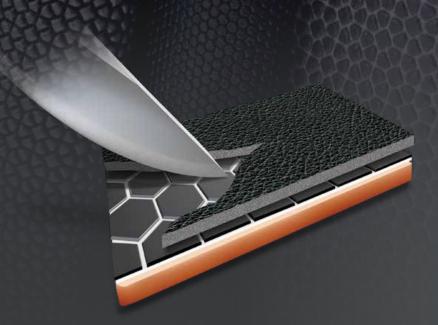
High quality products that workers feel good wearing means increased compliance, which in turn means less injuries and reduced costs. Companies all over the world are saving thousands of dollars on injury costs and missed work days by switching to HexArmor® products. We're excited and honored to help you do the same.



___SuperFabric®

A Cut Above

HexArmor® is an exclusive licensee of SuperFabric®* brand material in the industrial PPE market. HexArmor® products with SuperFabric® brand material have a secret weapon against cut hazards that no other glove can boast. SuperFabric® technology is designed to prevent lacerations and slashes from reaching the skin. Performance is enhanced through the configuration of tiny guard plates.



Standard Synthetic Leather Gloves Outer Shell Cut Injury Skin Surface



Puncture Resistance

A glove with excellent cut protection often lacks adequate puncture protection, which is the number one cause of cuts. In fact, almost all lacerations begin with a puncture. Sharp hazards such as wood slivers and metal wires poke through the glove, then drag across the hand and rip through the material and the skin.

Common cut resistant materials such as Dyneema® or Kevlar® provide some protection from straight-edged hazards, but they can be easily pierced because of the knit properties of the material. HexArmor® puncture-resistant technology relies on patented SuperFabric® guard plates to stop hazards and prevent injuries. All puncture-resistant HexArmor® gloves are put to the test in the lab and in the field.

^{*}SuperFabric is a registered trademark of HDM, Inc.

Technology

Abrasion Resistance

HexArmor® builds superior abrasion resistance into our products. Our exclusively-licensed SuperFabric® brand material is designed for cut and puncture resistance, but it naturally delivers incredible abrasion resistance as well. In addition, we offer various highly-durable palm materials and the highest quality construction. Our innovative designs protect against the areas most exposed to friction and excessive wearing, such as the fingertips and the area between the thumb and forefinger. This keeps workers safer, while extending the glove life.



Technology

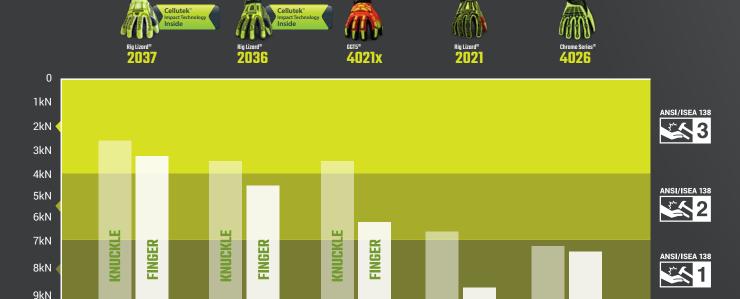
Impact Resistance

Impacts come in all forms, shapes, and magnitudes for workers. Whether caused by falling tools, equipment or pinches, impact injuries have one thing in common: unpredictability. Individuals must always be prepared and protected from impact and pinch points, and the patented IR-X® Impact Exoskeleton™ from HexArmor® has proven to reduce the number and effects of injuries.

Tested and updated under the ISEA 138 impact protection guidelines, our impact-resistant technology is designed to absorb and redistribute the energy away from the hand and finger bones during an impact. HexArmor® constantly evaluates our impact protection for effectiveness to ensure the optimal durometer and height for impact dissipation.

For wearers who need maximum impact protection, Cellutek® impact technology by HexArmor® is proven to lessen the force of an impact up to 80% under ISEA 138 testing for some of the highest levels of protection on the market.





Cold Weather

HexArmor® believes that safety should never be sacrificed during cold working conditions. That's why most HexArmor® cold weather gloves combine our H2X® waterproof liner with a Thinsulate™ liner, creating a two-layer barrier from wind, water, and chill. Plus, our unique lineup of cold weather gloves provide options for excellent impact protection as well as various levels of cut, puncture, and abrasion resistance.





Warm Weather

Working long hours in the heat can be hot, uncomfortable, and sweaty – and HexArmor® can help. Made with HexVent® technology, our Oasis® gloves create a breathable heat-release system to keep hands cool and comfortable in high-temperature environments while simultaneously providing excellent impact protection and a variety of cut, puncture, and abrasion resistance.

Also available, is the ColdRush® personal cooling products. Using high-performance fabric technology, the ColdRush® product line of du rags, safety helmet liners, and more, help to keep body temperatures in check on the hottest days.

Grip Options

When you're on the job site, you often encounter a variety of liquids, oils, muds, and other unidentified substances. Our products offer a wide variety of grip options to provide users with the appropriate grip for the task at hand. From traditional rubber-dipped and leather to more advanced synthetic leathers and TP-X®, there is an optimal grip that will help get the job done.





A Grip for Every Job

HexArmor® never stops innovating for worker safety. This includes the many conditions and materials that workers are required to handle on a daily basis. To this end, HexArmor® offers a wide variety of grips to optimize your PPE in any situation.

TP-X®

TP-X® palm material excels in oils and fluids because it does not absorb liquids. This makes it ideal for maintaining grip in oily or wet conditions, when lesser gloves would fail.

TP-X+®

This advanced material features grooves in the surface that enhance grip over time. A more robust, heavy-duty alternative to TP-X®, the TP-X+® palm provides increased cut, puncture, and abrasion resistance, and may provide heat resistance as well

HexArmor Mud Grip®

Synthetic leather palm with PVC dots provides a solid overall grip, especially in wet conditions. The PVC dots channel away lubricants, create friction, and improve grip on saturated tools.





Leather Grip

Leather palm provides an excellent all-around grip in a variety of conditions. In addition to providing an outstanding grip, leather also naturally provides resistance to abrasions, punctures, and contact heat.

Synthetic Leather with PVC Pattern

Synthetic leather palm with larger PVC pattern creates friction and improves grip on metal tools. Good all-around grip for general tasks.

Silicone Grip

Durable synthetic leather palm with heatresistant hi-vis silicone pattern delivers maximum grip and dexterity.



Palm Coating Dips

Beyond the materials that make up our palm grips, HexArmor® also provides further grip options using a variety of dip formulas. From water-repelling PVC grips to rough grain and FR-compliant dips, HexArmor® has you covered for any working condition. And we're constantly researching and testing new formulas and application methods to maximize grip and function, helping workers redefine safety at their worksite.

PVC/Nitrile Grip

Premium PVC nitrile blend is often used in gloves designed for liquid and certain chemical resistance. It is an effective barrier against water and most watery solutions, such as detergents or diluted acids. Because PVC is 100% synthetic, it contains no latex proteins and is hypo-allergenic.

PVC/Nitrile Particle Grip

Premium PVC nitrile blend is often used in gloves designed for liquid and certain chemical resistance. It is an effective barrier against water and most watery solutions, such as detergents or diluted acids. Because PVC is 100% synthetic, it contains no latex proteins and is hypo-allergenic. Integrated particles for enhanced grip.

Wrinkle Rubber Latex

Wrinkle rubber latex is a flexible, non-porous palm coating that provides excellent dry grip. It also offers good wet grip but is not recommended for use with hydrocarbon and organic solvent (such as gasoline), as these can cause premature degradation. This polymer may cause allergic reactions in some people. When wrinkle rubber gets wet, it can turn a powdery gray; however, this does not affect performance.

Polyurethane

Polyurethane (PU) provides excellent dry grip that offers a balance between being tacky but not too sticky. It's a lightweight coating, helping gloves maintain a high level of dexterity and tactile sensitivity. As such, PU is good for handling small parts.





Sandy Nitrile

Sandy nitrile provides a good dry and wet grip. It is lightweight, providing excellent dexterity, and it also adds a high level of abrasion resistance. A good choice for incidental contact with unknown substances such as solvents, chemicals, oils, etc.

Foam Nitrile

Foam nitrile excels in wet conditions, and it offers excellent oil grip because of its porous properties. Oils are channeled away from the surface of a tool, allowing for more contact with the surface area, which substantially improves grip.

Micro Nitrile

Micro nitrile offers good dry and oil grip because of its porous properties. Formulated to be thinner and less permeable than foam nitrile coating. Micro nitrile coatings can have a slightly tacky finish.

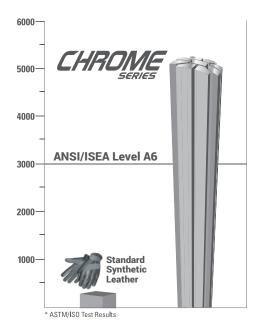
Extra Grip (XG) Nitrile

Extra Grip nitrile is a solvent-free and derma safe nitrile coating that offers excellent grip and dexterity.

FR-Compliant Coating

Our FR-compliant palm coating increases snag and abrasion resistance and offers exceptional dry and light oil grip. Paired with a flame-resistant knit shell of 13-gauge Kevlar® and wool, it can provide hazard risk category HRC level 1 arc flash protection: ATPV 7.7 cal/cm2, as per ASTM F2675/F2675M-13, determining arc flash rating of hand protection devices, and contact heat protection up to 100°C (212°F).





20x More

Cut Resistance than Standard Synthetic Leather

Mechanic's style gloves fit well, are comfortable, and offer great dexterity. Too often, however, safety managers can't use them; thin synthetic leather and nylon aren't strong enough to prevent injuries. When 250 grams is considered cut resistant, you have a problem. This led to the idea that HexArmor® could use our advanced technologies to create safe mechanic's gloves without sacrificing comfort or dexterity. HexArmor® Chrome Series® gloves are built with SuperFabric® brand materials to provide the highest levels of cut resistance, over 20 times the amount offered by a standard synthetic leather glove. Don't settle for anything less than the safest mechanic's-style glove on the market.



3941

A6

ANSI/ISEA PUNCTURE

3

4X22F

SuperFabric® Protection Zone

4018

Mechanic's+

- SuperFabric® brand material provides industry-leading cut resistance (interior layer)
- Cut and abrasion-resistant SuperFabric® knuckle patch
- · Synthetic leather palm
- Neoprene cuff with pull tab and Velcro® closure
- Touchscreen-compatible conducive filaments in thumb and index fingertip

 Available in sizes 5/XXS through 12/3XL







4022

Chrome Series®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Cut and abrasion-resistant SuperFabric® knuckle patch
- Synthetic leather palm with PVC print
- Touchscreen-compatible conducive filaments in thumb and index fingertip
- Elastic cuff with Velcro® closure Available in sizes 7/S through 11/XXL



SuperFabric*
Protection Zo

4023

Chrome Series® 360°

- SuperFabric® brand material provides 360° industry-leading cut resistance (interior layer).
- · Durable TP-X® palm
- Elastic cuff with Velcro® closure Available in sizes 7/S through 12/3XL



ANSI/ISEA CUT GRAM SCORE

A8 5654 4X21FP

ANSI/ISEA PUNCTURE ANSI/ISEA 138

2 1



4024

Chrome Series®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Padded palm reduces vibration damage while returning a higher level of comfort
- Synthetic leather palm with PVC print
- Elastic cuff with pull tab and Velcro® closure

Available in sizes 7/S through 11/XXL





ANSI/ISEA CUT GRAM SCORE C

A8 5166 4X21FP

ANSI/ISEA ANSI/ISEA 138



4025

Chrome Series® 360°

- SuperFabric® brand material provides 360° industry-leading cut resistance (interior layer)
- Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · Synthetic leather palm with PVC print
- Elastic cuff with pull tab and Velcro® closure

Limited sizes available







4026

Chrome Series®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- HexArmor Mud Grip® synthetic leather palm with PVC dots
- Hi-vis color and reflective tape on back-of-hand
- Elastic cuff with pull tab and Velcro® closure Available in sizes 6/XS through 12/3XL



ANSI/ISEA CUT GRAM SCORE A8 5126 4X41FP ANSI/ISEA PUNCTURE ANSI/ISEA 138 2 1



4027

Chrome Series®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · Durable TP-X® palm with reinforced stitching
- Enhanced palm construction for increased durability between fingers
- · Hi-vis color and reflective tape on back-of-hand
- Elastic cuff with pull tab and Velcro® closure Available in sizes 7/S through 12/3XL



ANSI/ISEA CUT	GRAM SCORE	(€ ७
A8	5261	4X21FP
ANSI/ISEA PUNCTURE	ANSI/ISEA 138	
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4030

Chrome Oasis®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Advanced HexVent® technology allows for a breathable heat-release system
- Hi-vis back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · Synthetic leather palm with PVC print
- Elastic cuff with pull tab and Velcro® closure Available in sizes 7/S through 12/3XL







4080

Chrome Series®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Hi-vis back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Goatskin leather palm provides a traditional style of comfort and grip
- Velcro® cuff for a comfortable and precise fit Available in sizes 6/XS through 12/3XL





4081

Chrome Series®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Goatskin leather palm provides a traditional style of comfort and grip
- SlipFit® cuff

Available in sizes 5/XXS through 12/3XL









Chrome Series® Arctic

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- C40 Thinsulate[™] interior liner keeps hands warm
- · Goatskin leather palm provides a traditional style of comfort and grip
- · Velcro® cuff for a comfortable and precise fit

Available in sizes 7/S through 11/XXL



ANSI/ISEA CUT GRAM SCORE (5576 4X13FP **A8**



Chrome Series® Arctic

- · SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- C40 Thinsulate[™] interior liner keeps hands warm
- · Hi-vis back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · Goatskin leather palm provides a traditional style of comfort and grip
- · Velcro® cuff for a comfortable and precise fit Available in sizes 7/S through 11/XXL



NSI/ISEA CUT GRAM SCORE (5150 4X31F **8**A

uperFabric®

Chrome Core™

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · Synthetic leather palm
- · Elastic cuff with Velcro® closure Available in sizes 7/S through 12/3XL



ISI/ISEA CUT GRAM SCORE (5150 4X31F **A8**

Chrome Core™

- · SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · Touchscreen-compatible thumb and index fingertip
- · Synthetic leather palm
- · SlipFit® cuff

Available in sizes 7/S through 11/XXL







ANSI/ISEA 138 EN407: 2004





- · Arc Flash Level 2 Rating: Lab tested in accordance with HRC ATPV at 23.6 Cal/cm2
- · Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Goatskin leather palm provides a traditional style of comfort and grip
- Full aramid liner for 360° cut protection

Available in sizes 6/XS through 14/5XL

Large splashes of molten metal



ANSI/ISEA CUT	GRAM SCORE	してで
A5	2509	2X23E
ANSI/ISEA PUNCTURE 4		EN407: 200
MA	AAA	42214

Chrome SLT®

- · Arc Flash Level 4 Rating: Lab tested in accordance with HRC ATPV at 46 Cal/cm2
- · Goatskin leather palm provides a traditional style of comfort and grip
- · Full aramid liner for 360° cut protection
- · SlipFit® cuff

Available in sizes 6/XS through 14/5XL

Burning Behaviour	Level 4
Contact Heat	Level 2
Convective Heat	Level 2
Radiant Heat	Level 1
Small splashes of molten metal	Level 4
Large splashes of molten metal	Level 1



EN388: 2016 ANSI/ISEA CUT GRAM SCORE 2X23E **A5** EN407: 2004 (€ 🌣 422141

- · Arc Flash Level 4 Rating: Lab tested in accordance with HRC ATPV at 46 Cal/cm2
- · Goatskin leather palm provides a traditional style of comfort and grip
- · Stitched with Aramid thread
- Full aramid liner for 360° cut protection
- · Extended safety cuff for easy on and off Available in sizes 6/XS through 12/3XL

Level 1 Small splashes of molten metal Large splashes of molten metal







Chrome SLT® Winter

- · HPPE blend palm provides industryleading cut resistance (interior layer)
- C100 Thinsulate[™] interior liner keeps hands warm
- · Goatskin leather palm provides a traditional style of comfort and grip
- · OilGuard® treated leather helps delay saturation issues
- · Velcro® cuff for a comfortable and precise fit

Available in sizes 7/S through 12/3XL







4064

Chrome SLT® Winter

- HPPE blend palm provides industryleading cut resistance (interior layer)
- C100 Thinsulate[™] interior liner keeps hands warm
- Hi-vis back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Goatskin leather palm provides a traditional style of comfort and grip
- OilGuard® treated leather helps delay saturation issues
- Velcro® cuff for a comfortable and precise fit

Available in sizes 7/S through 12/3XL





4069

Chrome SLT®

- Arc Flash Level 2 Rating: Lab tested in accordance with HRC ATPV at 8.6 Cal/cm2
- Aramid and steel blend liner provides 360° industry-leading cut resistance (interior layer)
- Back-of-hand impact guards provide ANSI/ISEA 138 Level 2 protection on knuckles and fingers
- Goatskin leather palm provides a traditional style of comfort and grip
- OilGuard® treated leather helps delay saturation issues
- Elastic loop and Velcro® cuff for a comfortable and precise fit

Available in sizes 6/XS through 12/3XL





4070

Chrome SLT® 360°

- HPPE blend liner provides 360° industryleading cut resistance (interior layer)
- Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · Synthetic leather palm with PVC dots
- · Hi-vis color on back-of-hand
- Elastic cuff with pull tab and Velcro® closure

Available in sizes 6/XS through 12/3XL



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4071

Chrome SLT® 360°

- HPPE blend liner provides 360° industryleading cut resistance (interior layer)
- Hi-vis back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Durable TP-X® palm
- Enhanced palm construction for increased durability between fingers
- Elastic cuff with pull tab and Velcro® closure

Available in sizes 6/XS through 12/3XL



ANSI/ISEA CUT GRAM SCORE C GAM SCORE A GAM



4072

Chrome SLT® 360°

- HPPE blend liner provides 360° industryleading cut resistance (interior layer)
- · Synthetic leather palm
- · Hi-vis color on back-of-hand
- · SlipFit® cuff

Available in sizes 6/XS through 12/3XL



AS 2985 PENDING



4074

Chrome SLT® Oasis

- Knitted palm liner provides industryleading cut resistance (interior layer)
- Synthetic leather palm
- Breathable HexVent® material on the backofhand keeps hands cool
- · Hi-vis color on back-of-hand
- · SlipFit® cuff with Velcro® closure
- Touchscreen-compatible middle fingertip

Available in sizes 7/S through 11/XXL







2020

Rig Lizard®

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Additional IR-X® guard between thumb and index finger
- · Durable TP-X® palm with reinforced stitching
- SlipFit® cuff with Velcro® closure, pull tab, and nametag
- Protected by U.S. Patent No. D703,389 Available in sizes 6/XS through 12/3XL





2021

Rig Lizard®

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Additional IR-X® guard between thumb and index finger
- · Durable TP-X® palm with reinforced stitching
- · SlipFit® cuff with pull tab and nametag
- Protected by U.S. Patent No. D703,389 Available in sizes 6/XS through 12/3XL







2023X

Rig Lizard Arctic®

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Additional IR-X® guard between thumb and index finger
- H2X® and C40 Thinsulate™ interior liners keep hands warm and dry
- Durable TP-X® palm with reinforced stitching
- Goatskin leather forchettes for dexterity and durabilty
- · SlipFit® cuff with Velcro® closure
- Protected by patents and patents pending Available in sizes 7/S through 12/3XL







2025X

Rig Lizard®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Back-of-hand sewn-on IR-X[®] Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 2 protection on knuckles and fingers
- Additional IR-X® guard between thumb and index finger
- Durable TP-X+® palm with reinforced stitching
- · Elastic cuff with pull tab and nametag
- Protected by U.S. Patent No. D703,389 Available in sizes 6/XS through 12/3XL

Rig Lizard[®] Technology: High-Flex Impact Protection

Not All Impact Gloves Are Created Equal

In response to the focus on impact protection, glove manufacturers have flooded the market with cheap gloves that claim to provide adequate impact protection. This has led safety managers to believe that any glove with back-of-hand smash guards provides sufficient impact protection and that all impact protection has a similar level of protection. In reality, smash guards have a range of protection based on a number of factors, including the thickness and resiliency of the material used, and the spaces between the guards.

Tested and updated under the ISEA 138 impact protection guidelines, HexArmor's proprietary IR-X® impact technology is proven to dissipate the force of sudden impact, smash, and pinch hazards away from the hand and finger bones during an impact. For additional impact protection, HexArmor offers Cellutek® impact technology. Made from a proprietary material, Cellutek® is a full back-of-hand impact protection system that's sewn into the glove. The impact absorbing properties layered with thermoplastic rubber (TPR) impact material dampens blunt forces, dissipating the blow from the impact so it can recover quickly.

Through this technology, we have found strong evidence that our impact protection minimizes the amount of force felt through the glove and lengthens the amount of time force is transferred. Together, these two factors help diminish or eliminate possible impact injuries by lessening the force of an impact up to 80% under ISEA 138 testing, helping us to deliver more comfort, more protection, and more dexterity than any other impact gloves on the market.

Comfort and Dexterity

An impact glove can only prevent injuries if it's worn properly. The new high-flex impact design reduces hand fatigue, allows for higher levels of dexterity, and makes the Rig Lizard® an impact glove that's comfortable enough to wear all day. HexArmor® Rig Lizard® 2036 and 2037 with Cellutek® impact technology offers Level 2 and Level 3 ISEA 138 tested impact protection.







2028X

Rig Lizard®

- Aramid palm liner provides industryleading cut resistance (interior layer)
- Back-of-hand sewn-on IR-X[®] Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 2 protection on knuckles and fingers
- MudGrip+® palm: synthetic leather with abrasion resistant PVC dots
- Reinforced TP-X® index finger and thumb saddle
- · Elastic cuff with Velcro® closure
- Protected by patents and patents pending Available in sizes 6/XS through 12/3XL







Impact Protection

SuperFabric®
Protection Zone

2030

Rig Lizard®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Back-of-hand IR-X[®] Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Additional IR-X® guard between thumb and index finger
- Durable synthetic leather palm with heatresistant silicone pattern.
- SlipFit® cuff with Velcro® closure, pull tab, and nametag
- Protected by U.S. Patent No. D703,389 Available in sizes 7/S through 12/3XL











Rig Lizard Arctic®

- Aramid palm liner provides industryleading cut resistance (interior layer)
- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · Durable TP-X® palm patches, index finger, and thumb saddle reinforcements
- H2X® interior liner and C100 Thinsulate™ backof-hand insulation keep hands warm and dry
- · Genuine goatskin leather palm with reinforced stitching provides a traditional style of comfort
- · SlipFit® and anti-debris cuff with pull tab
- · Protected by patents and patents pending Limited quantities available

Back-of-hand IR-X® Impact Exoskeleton™

· Durable TP-X® palm with reinforced stitching

with Cellutek® impact technology

provides ANSI/ISEA 138 Level 3

· Additional IR-X® guard between

protection on knuckles and fingers







Rig Lizard®

- Back-of-hand IR-X® Impact Exoskeleton™ with Cellutek® impact technology provides ANSI/ISEA 138 Level 3 protection on knuckles and Level 2 protection on fingers
- · Additional IR-X® guard between thumb and index finger
- · Durable TP-X® palm with reinforced stitching
- · SlipFit® cuff with pull tab
- · Protected by patents and patents pending Limited sizes available













· Protected by patents and patents pending Available in sizes 6/XS through 12/3XL

thumb and index finger

· SlipFit® cuff with pull tab

Rig Lizard®



791 **A2**







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rylic Blend Shel

Rig Lizard®

- Back-of-hand sewn-on IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 2 protection on knuckles and fingers
- · MudGrip+® palm: synthetic leather with abrasion resistant PVC dots
- · Reinforced TP-X® index finger and thumb saddle
- · Elastic cuff with Velcro® closure
- · Protected by patents and patents pending Available in sizes 6/XS through 12/3XL



GRAM SCORE (2053 4X44EP **A4** ANSI/ISEA PUNCTURE 5



Thin Lizzie™

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers
- · 13-guage HPPE and glass fiber blend shell provides exceptional dexterity and feel
- · Sandy nitrile palm coating
- · Reinforced thumb crotch patch
- · Protected by U.S. Patent No. D703,389 Available in sizes 5/XXS through 12/3XL



GRAM SCORE (3132 4X43EP **A6** NSI/ISEA 138 4 npact Protection

Thin Lizzie™ Thermal

- Back-of-hand IR-X[®] Impact Exoskeleton[™] with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers
- 13-gauge acrylic and fiberglass blend shell provides exceptional dexterity and feel
- · Interior fleece lining for warmth
- · Sandy nitrile palm coating
- · Protected by U.S. Patent No. D703,389 Available in sizes 6/XS through 11/XXL







Thin Lizzie[™]

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers
- 13-guage HPPE and glass fiber blend shell provides exceptional dexterity and feel
- · Sandy nitrile palm coating
- · Elastic cuff with Velcro® closure
- Padded palm
- · Reinforced thumb crotch patch
- Protected by U.S. Patent No. D703,389 Available in sizes 5/XXS through 12/3XL





Thin Lizzie™

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers
- · 13-gauge HPPE, steel, and fiberglass blend shell
- Polyurethane palm coating
- · Reinforced thumb crotch patch

Available in sizes 5/XXS through 12/3XL







Thin Lizzie[·]

- Back-of-hand IR-X[®] Impact Exoskeleton[™] with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers
- Coretex™ (13G HPPE, steel, and fiberglass blend) shell for industryleading 360° cut resistance
- · Sandy nitrile palm coating Available in sizes 5/XXS through 12/3XL





A6



HPPE Blend Shell

Back-of-hand IR-X[®] Impact Exoskeleton[™] with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers

- 13-gauge acrylic and fiberglass blend shell offers 360° cut resistance
- · Sandy nitrile full coating provides superior grip
- · Full double-dipped coating offers liquid resistance
- · Interior fleece lining for warmth

Available in sizes 6/XS through 11/XXL







Thin Lizzie™ Fluid

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers
- · 15-gauge nylon blend shell provides exceptional dexterity and feel
- · Sandy nitrile full coating
- · Full double-dipped coating offers liquid resistance

Available in sizes 5/XXS through 12/3XL



ANSI/ISEA CUT GRAM SCORE (**A3** 1274 4X42CP ANSI/ISEA PUNCTURE ANSI/ISEA 138 **L** 3

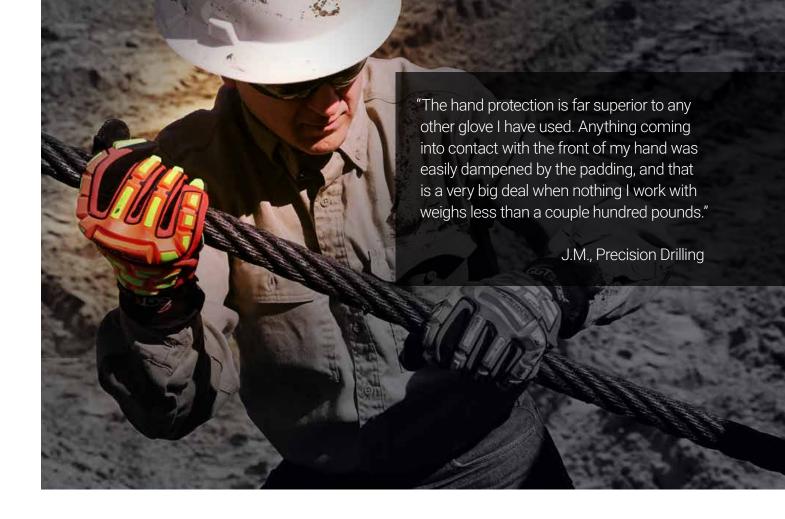


Thin Lizzie™ Fluid

- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ ISEA 138 Level 2 protection on knuckles and Level 1 protection on fingers
- · 13-gauge HPPE and fiberglass blend shell
- · Sandy nitrile full coating
- · Full double-dipped coating offers liquid resistance

Available in sizes 5/XXS through 12/3XL







4021X

GGT5®

- SuperFabric $^{\scriptsize @}$ brand material palm provides industry-leading cut resistance (interior layer)
- High-performance back-of-hand IR-X® Impact Exoskeleton™ provides ANSI/ ISEA 138 Level 3 protection on knuckles and Level 2 protection on fingers
- HexArmor Mud Grip® synthetic leather palm with PVC dots works well with light/medium oil-based muds
- Durable TP-X® palm patches
- SlipFit® cuff with pull tab and nametag

Available in sizes 7/S through 12/3XL









ANSI/ISEA CUT GRAM SCORE (5475 4X43FP





EXT Rescue®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · High-performance back-of-hand IR-X® Impact Exoskeleton™ provides ANSI/ ISEA 138 Level 3 protection on knuckles and Level 2 protection on fingers
- · Full TP-X® palm with reinforced stitching
- · Neoprene cuff with pull tab and Velcro® closure

Available in sizes 7/S through 11/XXL



GRAM SCORE (**A8** 5139 4X41FP **341** 2



EXT Rescue®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- Durable TP-X® palm with reinforced stitching
- · Elastic cuff with pull tab loop and Velcro® closure

Available in sizes 6/XS through 11/XXL



ANSI/ISEA CUT GRAM SCORE (**A8** 5201 4X41FP ANSI/ISEA PUNCTURE



EXT Rescue®

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · Durable TP-X® palm with reinforced stitching
- · Enhanced palm construction for increased durability between fingers
- · Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · SlipFit® and anti-debris cuff

Available in sizes 7/S through 11/XXL



ANSI/ISEA CUT **A8** 5068 4X42FP 3



EXT Rescue® Barrier

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- Waterproof H2X® barrier meets ASTM F1670/ F1671 for bloodborne pathogen resistance and fluid-borne viral resistance (interior liner)
- Back-of-hand impact guards provide ANSI/ISEA 138 Level 1 protection on knuckles and fingers
- · Durable TP-X® palm with reinforced stitching
- · Neoprene cuff with pull tab and Velcro® closure

Available in sizes 7/S through 12/3XL



Fight Fire with FireArmor®

Made for firefighters, tested by firefighters, and approved by firefighters. As you're heading into the face of danger, FireArmor® SR-X® structural firefighting gloves are your best line of defense against heat, liquids, and debris.

Premium Structural Firefighting Technology

Built to battle high heat and intense situations, FireArmor® SR-X® structural firefighting gloves feature a 100% Nomex® knit liner for 360-degree heat resistance and an inner liner of H2X+™ FR technology that barriers against water, chemicals, and bloodborne pathogens. Together, these technologies ensure hands stay comfortable and out of harm's way for all-day protection.

Compliant and certified to NFPA 1971:2018, SR-X® gloves are built with form-fitted fingers and premium, soft, water- and flame-resistant cow suede to help maintain superior comfort, dexterity, and grip right out of the bag, even after repeated use and washings. Added FR resistance with back-of-hand Kevlar® inner liner and reinforced protection patches on the thumb saddle and palm complete the glove, delivering the confidence you need every time you answer the call.



Nomex® and H2X+® FR liners = 360° thermal protection and full FR moisture barrier

TPP>60

• Thermal Protection Performance is greater than 60





8180

FireArmor® SR-X®

- H2X+™ FR moisture barrier (interior layer) is certified to NFPA 1971:2018
- 100% Nomex® knit inner liner for 360° heat resistance TPP>60
- · Water-resistant and flame-resistant cow suede
- Extended gauntlet cuff for added protection against debris
- Kevlar® liner on back-of-hand provides added heat and cut resistance
- 100% Kevlar® thread throughout glove for added strength and FR resistance
- Reinforced thumb saddle and palm patch
- · Launderable and quick to dry

Available in sizes XS/64N - 4XL/82XW

Numeric Size:	6	7	8	9	10	11	12	13
Letter Size:	XS	S	M	L	XL	2XL	3XL	4XL
NFPA-1971 2018 Size:	64N	70N	70W	76N	76W	82N	82W	82XW





ANSI/ISEA CUT GRAM SCORE (**A7** 4414 4X42F ANSI/ISEA PUNCTURE

3



9000 Series™

- · Limited sizes available
- · SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · High-performance polyethylene and glass fiber blend shell provides exceptional dexterity and feel
- · Recommended as an underglove solution Limited sizes available



GRAM SCORE (**A8** 5364 4X44F

ANSI/ISEA PUNCTURE 5

HPPE Blend Shell SuperFabric® Protection Zone

9000 Series™

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · High-performance polyethylene and glass fiber blend shell provides exceptional dexterity and feel
- · Flat nitrile palm coating

Available in sizes 6/XS through 11/XXL



GRAM SCORE (ANSI/ISEA CUT 4818 4X44F Α7

ANSI/ISEA PUNCTURE 5

9000 Series™

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · Cotton blend shell provides exceptional dexterity and feel
- · Wrinkle rubber latex palm coating

Available in sizes 7/S through 11/XXL



GRAM SCORE (ANSI/ISEA CUT 5022 4X43F **A8** ANSI/ISEA PUNCTURE

4



9000 Series™

- · SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · High-performance polyethylene and glass fiber blend shell provides exceptional dexterity and feel
- · Sandy nitrile palm coating

Available in sizes 7/S through 11/XXL



GRAM SCORE (ANSI/ISEA CUT 4579 4X43F **A7** ANSI/ISEA PUNCTURE

4 HPPE Blend Shell

9000 Series™

- SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · High-performance polyethylene and glass fiber blend shell provides exceptional dexterity and feel
- · Wrinkle rubber latex palm coating Available in sizes 7/S through 11/XXL

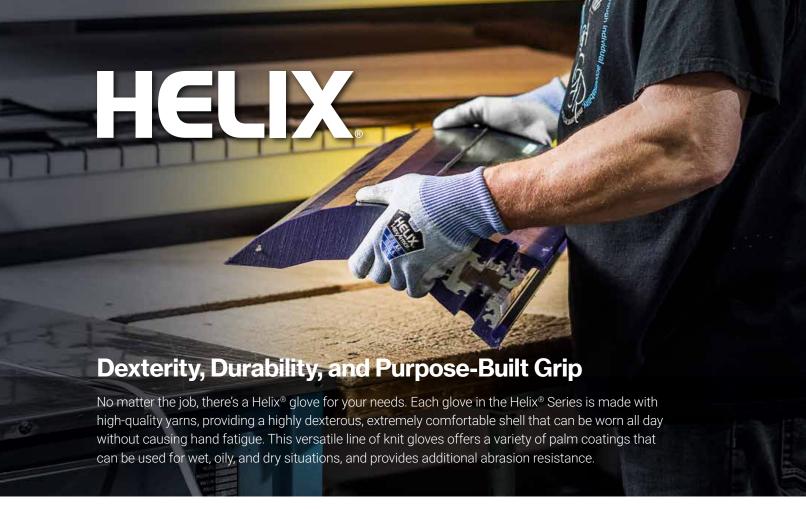


ANSI/ISEA CUT GRAM SCORE (4376 **A7** 4543 ANSI/ISEA PUNCTURE 4

HPPE Blend Shell

9000 Series™

- · SuperFabric® brand material palm provides industry-leading cut resistance (interior layer)
- · High-performance polyethylene and glass fiber blend shell provides exceptional dexterity and feel
- · Foam nitrile palm coating Limited sizes available





ANSI/ISEA PUNCTURE

296

(€ ∰ 4131X

- · High-performance nylon/ Spandex blend shell
- · Micro foam nitrile palm dip
- · Seamless construction for enhanced comfort and breathability
- · Silicone-free

Available in sizes 5/XXS through 12/3XL



ANSI/ISEA CUT GRAM SCORE (**A2** 856 4342B

HPPE Blend

- · HPPE and fiberglass blend shell
- · Micro foam nitrile palm dip
- · Reinforced thumb crotch area
- · Seamless construction for enhanced comfort and breathability
- · Silicone-free

Available in sizes 5/XXS through 12/3XL



ANSI/ISEA CUT GRAM SCORE (1050 4544C



- · HPPE and fiberglass blend shell
- · Micro foam nitrile palm dip
- · Reinforced thumb crotch area
- · Seamless construction for enhanced comfort and breathability

Available in sizes 5/XXS through 12/3XL



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4121B

- · High-performance 15-gauge nylon/elastane blend shell
- · Solvent-free foam nitrile palm coating
- · German-engineered 3D ergo fit for ultimate dexterity and tactility
- · Silicone-free

Limited sizes available Sold in packs of 12

OEKO-TEX[®] STANDARD 100



Every Worker. Every Glove. Every Day.

Innovation intertwined with cut-resistance, high dexterity and a breadth of grip options - that's the Helix® Series. Helix® from HexArmor® features exceptionally knit gloves with strong, yet extremely dexterous, natural, and engineered yarns that offer the largest range of protection on the market. A series that answers the call of duty from the manufacturing floor to the construction site, these seamless gloves have consistent sizing and fit in a variety of palm coatings that can be used for everything – wet, oily, or dry applications.

Health Standards

Most Helix® Series gloves are REACH compliant, with a handful tested by the ProDerm Institute for Applied Dermatological Research, ruling them free of silicones, solvents, and fiberglass – making them safe for sensitive skin. The Helix® 1090 and 2066 also meet the stringent Oeko-Tex® Standard. This global standard tests every material in gloves for harmful substances and ensures that gloves were made in an environmentally friendly production facility.



In accordance with the criteria of Oeko-Tex® Standard 100 tested textiles guarantee that there are no substances that affect human health.



The safety gloves awarded this quality seal were clinically tested by the proDerm Institute for Applied Dermatological Research and are dermatologically approved.

REACHCOMPLIANT

REACH Compliant: Avoidance of substances classified as carcinogenic, mutagenic or reprotoxic, persistent, bioaccumulative or toxic.



ANSI/ISEA CUT
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ANSI/ISEA
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1091

$\mathsf{Helix}^{\scriptscriptstyle{\circledR}}$

- High-performance
 15-gauge nylon shell
- · Flexible foam nitrile palm coating
- · Silicone-free

Available in sizes 6/XS through 11/XXL

REACH



ANSI/ISEA CUT
A1 300 3121X

ANSI/ISEA PUNCTURF

00 3121X

1092

Helix⁰

- High-performance 15-gauge nylon blend shell
- · Flexible foam nitrile palm coating
- Safe Finger Release (SFR) Technology for use while operating handheld screwdriving tools that are powered pneumatically or electronically. This glove has not been tested for use with drilling tools, milling machines, grinding machines, or lathes.
 See full disclaimer on hexarmor.com
- Silicone-free
- Protected by U.S. Patent No. WO 2012/019738 A2

Available in sizes 5/XXS through 12/3XL

REACH



Nvion Blend Shell

1095

Helix[®]

- High-performance 15-gauge nylon blend shell
- · Flexible sandy nitrile palm coating
- Back-of-hand IR-X® Impact Exoskeleton™ with high-flex design provides ANSI/ISEA 138 Level 1 protection on knuckles and fingers

Available in sizes 5/XXS through 12/3XL

REACH

ANSI/ISEA CUT
A7
ANSI/ISEA
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HPPE Blend Shell

2050

Helix®

- · HPPE, Steel, and fiberglass blend shell
- · Flexible polyurethane palm coating
- Hi-vis color enhances visibility and compliance
- Sanitized

Available in sizes 5/XXS through 12/3XL

HELIX



ANSI/ISEA CUT GRAM SCORE C
ANSI/ISEA C
ANSI



3

HPPE Blend Shell

2051

Helix®

- · HPPE, Steel, and fiberglass blend shell
- Can be used as a glove or underglove with appropriate top-glove solution
- Hi-vis color enhances visibility and compliance

Available in sizes 5/XXS through 11/XXL



ANSI/ISEA CUT GRAM SCORE C
ANSI/ISEA PUNCTURE GRAM SCORE C
ANSI/ISEA PUNCTURE

ICTURE



2052

Heliy®

- · HPPE, Steel, and fiberglass blend shell
- · Flexible foam nitrile palm coating
- · Touchscreen-compatible
- Hi-vis color enhances visibility and compliance

Available in sizes 5/XXS through 11/XXL





2057

Helix®

- HPPE blend shell is fiberglass-free and steel-free for sensitive skin
- · Flexible polyurethane palm coating
- · Hi-vis color on back-of-hand

Available in sizes 5/XXS through 12/3XL



ANSI/ISEA CUT GRAM SCORE C
A9 6091 4X44F

ANSI/ISEA CUT GRAM SCORE C
ANSI/ISEA C
ANS



2060

Helix[®]

- Coretex™ (13G HPPE, steel, and fiberglass blend) shell for industryleading 360° cut resistance
- · Flexible polyurethane palm coating
- · Touchscreen-compatible
- · Hi-vis color on back-of-hand

Available in sizes 5/XXS through 12/3XL

REACH



ANSI/ISEA CUT GRAM SCORE C
A9 6195 3X44F

ANSI/ISEA PUNICIURE
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Coretex* Shell

2061

Helix[®]

- Coretex™ (13G HPPE, steel, and fiberglass blend) shell for industry-leading 360° cut resistance
- Flexible wrinkle rubber latex palm coating
- Hi-vis color on back-of-hand Available in sizes 5/XXS through 12/3XL

REACH



ANSI/ISEA CUT GRAM SCORE AS 4X44F

ANSI/ISEA PUNCTURE 5

5 Coretex" Shell

2062

Helix[®]

- Coretex™ (13G HPPE, steel, and fiberglass blend) shell for industry-leading 360° cut resistance
- · Flexible sandy nitrile palm coating
- · Hi-vis color on back-of-hand

Available in sizes 5/XXS through 12/3XL

REACH



1274 4X42D **A3** ANSI/ISEA PUNCTURE



Helix[®]

- · 13-gauge HPPE and fiberglass shell
- · Flexible sandy nitrile palm coating
- · Full flat nitrile coating offers 360° water resistance

Available in sizes 5/XXS through 12/3XL

REACH





ANSI/ISEA PUNCTURE 3

Engineered In Germany



Helix[®]

- 15-gauge Dyneema® Diamond shell provides lightweight, cool comfort
- · Flexible foam nitrile palm coating
- · Silicone-free

Available in sizes 6/XS through 12/3XL Sold in packs of 12







ANSI/ISEA CUT GRAM SCORE (

4342X **A2** 601 ANSI/ISEA PUNCTURE



Helix[®]

- · 13-gauge HPPE and nylon blend shell
- · Flexible polyurethane palm coating
- · Silicone-free

Available in sizes 6/XS through 13/4XL

REACH



ANSI/ISEA CUT GRAM SCORE (3922 4X43F **A6** ANSI/ISEA PUNCTURE

4



- · Innovative 13-gauge HPPE, fiberglass, and steel blend shell provides cut protection while maintaining high levels of comfort
- · Flexible polyurethane palm coating Limited sizes available



ANSI/ISEA CUT GRAM SCORE EN388: 2016 **A6** 3132 ANSI/ISEA PUNCTURE

4X43E EN511: 2006



4

12X

Helix® Cold Weather

- 13-gauge acrylic and fiberglass blend shell
- · Flexible sandy nitrile full coating
- Full double-dipped coating offers 360° cut protection and water resistance
- · Hi-vis color on wrist
- · Fleece lining for warmth Limited quantities available

REACH



A6

ANSI/ISEA PUNCTURE

3

Helix[®]

- 13-gauge HPPE, steel, and fiberglass blend shell
- · Flexible sandy nitrile palm coating
- · Reinforced thumb crotch patch Available in sizes 5/XXS through 12/3XL

REACH

HELIX



ANSI/ISEA CUT GRAM SCORE (3276 4X44F **A6** ANSI/ISEA PUNCTURE



2075

Helix®

- 13-gauge HPPE, steel, and fiberglass blend shell
- · Flexible polyurethane palm coating Limited sizes available

REACH



ANSI/ISEA CUT GRAM SCORE (3276 4X44F **A6** ANSI/ISEA PUNCTURE 5



2076

- 13-gauge HPPE, steel, and fiberglass blend shell
- · Flexible polyurethane palm coating
- · Reinforced thumb crotch patch Available in sizes 4/3XS through 13/4XL

REACH



ANSI/ISEA CUT GRAM SCORE (3132 4X43E **A6**

ANSI/ISEA PUNCTURE 4



Helix® Cold Weather

- 13-gauge acrylic and fiberglass blend shell
- · Flexible sandy nitrile palm coating
- · Hi-vis color on back-of-hand
- · Fleece lining for warmth

Available in sizes 6/XS through 12/3XL

REACH



ANSI/ISEA CUT GRAM SCORE (3159 4X42F **A6**

ANSI/ISEA PUNCTURE 3



2080

Helix®

- 13-gauge aramid and steel blend shell
- · Flexible foam nitrile palm coating Available in sizes 6/XS through 11/XXL

REACH



ANSI/ISEA CUT GRAM SCORE **A3** 1147

4

EN407 (€ 42312X

3X43D

Helix® Flame-Resistant

- · 13-gauge flame-resistant aramid and wool blend shell*
- · Flexible FR-compliant neoprene/ nitrile blend palm coating

Limited sizes available

*Hazard risk category HRC 2 arc flash protection (ATPV 8.6 cal/cm2, as per ASM F2675/52675M-13, determining arc flash rating of hand protective devices)



ANSI/ISEA CUT GRAM SCORE

3

A2 874

Helix®

- 13-gauge aramid and wool blend shell with flame-resistant properties*
- · Can be used as a glove or underglove with appropriate top-glove solution

*Glove did not pass the EN 407 requirements because abrasion resistance did not meet the minimum requirement of Level 1. The user should be aware that these levels of performance may not be maintained in use, and where ha

REACH

Tested against the following within EN407:



GRAM SCORE (1516 4X43C **A4**

ANSI/ISEA PUNCTURE 4



- · 13-gauge HPPE and fiberglass blend shell
- · Flexible polyurethane palm coating
- · Silicone-free

Available in sizes 5/XXS through 12/3XL

REACH



1522 3X43D **A4** ANSI/ISEA PUNCTURE

4



- · 13-gauge HPPE and fiberglass blend shell
- · Flexible wrinkle rubber latex palm coating
- · Silicone-free

Limited sizes available

REACH



ANSI/ISEA CUT GRAM SCORE (**A4** 1507 4543C ANSI/ISEA PUNCTURE 4



Helix®

- 13-gauge HPPE and fiberglass blend shell
- · Flexible foam nitrile palm coating
- · Silicone-free

Available in sizes 5/XXS through 12/3XL

REACH



ANSI/ISEA CUT GRAM SCORE (**A4** 1531 4543C ANSI/ISEA PUNCTURE





Helix[®]

- 13-gauge HPPE and fiberglass blend shell
- · Flexible foam nitrile three-guarter palm and finger coating
- · Silicone-free

Available in sizes 5/XXS through 12/3XL

REACH



ANSI/ISEA CUT GRAM SCORE (**A6** 3163 4X43F ANSI/ISEA PUNCTURE 4

Helix®

- 10-gauge HPPE and steel blend shell
- · Flexible foam nitrile palm coating
- · Hi-vis color on back-of-hand and palm enhances visibility and compliance

Limited sizes available

REACH



4907 2X41F **A7** ANSI/ISEA PUNCTURE 2

2041 . M W 2042 MM W HPPE blend protective shell

Helix® Series Arm Guard

- 18" long
- · Lightweight 13g HPPE, nylon, steel, fiberglass blend knit with industry-leading cut resistance
- · Specialized knit technology feels soft and cool on the interior
- · Knit upper arm cuff prevents dirt and debris from entering
- · Thumb loop keeps wrist in place (2041)
- · Launderable for extended life and retains shape after repeated washings
- · Rates CE Level 1 for contact heat Available in sizes S through XL





ANSI/ISEA CE 3131

Hex1[®] Series

- · Back-of-thumb brow cloth
- · Reinforced index finger and thumb saddle
- · Synthetic leather palm with silicone print
- Elastic cuff with pull tab and Velcro® closure
- · Nametag on palm side of cuff

Limited sizes available



ANSI/ISEA CE

3131

2120 Coyote

Hex1® Series

- · Reinforced index finger and thumb saddle
- · Synthetic leather palm with silicone print
- · Neutral color scheme for increased concealment in covert situations
- · Elastic cuff with pull tab and Velcro® closure
- · Nametag on palm side of cuff

Limited sizes available



ANSI/ISEA CE 3131

Hex1® Series

- · Back-of-thumb brow cloth
- · Reinforced index finger and thumb saddle
- · Synthetic leather palm with silicone print
- · SlipFit® cuff with pull tab
- · Nametag on palm side of cuff Limited sizes available

ANSI/ISEA CE 4131



- · Back-of-thumb brow cloth
- · Reinforced index finger and thumb saddle
- · Full silicone printed palm over synthetic leather for superior grip
- Elastic cuff with pull tab and Velcro® closure
- · Nametag on palm side of cuff

Limited sizes available



ANSI/ISEA CE 1132



Hex1[®] Series

- · Light back-of-hand impact protection against bumps and tool slips
- · Back-of-thumb brow cloth
- · Reinforced index finger and thumb saddle
- · Padded goatskin leather palm with reinforced stitching
- · SlipFit® cuff with pull tab
- · Available in dark color scheme for increased concealment in covert situations (2125-BLK)

Limited sizes available





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Hex1® Series

- · Full back-of-hand impact protection against bumps and tool slips
- · Reinforced index finger and thumb saddle
- · Durable TP-X® palm with reinforced stitching
- · Neoprene cuff with Velcro® closure
- · Nametag on Velcro® closure

Limited sizes available

TP-X® Technology



The Hex1® Series was designed for general industrial applications and purpose-built to protect you from common workplace hazards without sacrificing comfort and dexterity.



ANSI/ISEA PUNCTURE 2 PENDING





2132

Hex1® Series

- · Back-of-thumb brow cloth
- · Reinforced index finger and thumb saddle
- · Synthetic leather palm
- · Adjustable TPR Velcro® closure for a secure fit
- · Comfortable, breathable back-of-hand
- · Touchscreen-compatible
- Available in a neutral color scheme (2132CYT) or dark color scheme (2132STL) for increased concealment

Available in sizes 7/S through 11/XXL



ANSI/ISEA PUNCTURE

■ (€ 🧐 Pending

2133

Hex1® Series

- · Back-of-thumb brow cloth
- · Reinforced index finger and thumb saddle
- Synthetic leather palm
- · SlipFit® cuff with hi-vis color scheme
- · Comfortable, breathable back-of-hand
- · Touchscreen-compatible

Available in sizes 7/S through 11/XXL



ANSI/ISEA CUT GRAM SCORE CE ANSI/ISEA GRAM SCORE CE ANSI/ISEA GRAM SCORE CE ANSI/ISEA GRAM SCORE CE ANSI/ISEA CUT GRAM SCORE CUT G

Bump Protecti

2140

Hex1® Series

- · Light back-of-hand bump protection
- Aramid blend liner for 360° cut protection (interior layer)
- Goatskin leather provides traditional style of comfort
- · SlipFit® cuff

Available in sizes 6/XS through 12/3XL



ANSI/ISEA PUNCTURE 3





Hex1® Arctic

- · Light back-of-hand bump protection
- Aramid blend liner for 360° cut protection (interior layer)
- Goatskin leather provides traditional style of comfort
- C100 Thinsulate™ interior liner keeps hands warm
- Elastic cuff with Velcro® closure Available in sizes 6/XS through 12/3XL



ANSI/ISEA CUT

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A3X22C

ANSI/ISEA
PUNCTURE

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EN388: 2016

C

EN407: 2004

C

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2142

Hex1® Series

- Arc Flash Level 3 Rating: Lab tested in accordance with HRC ATPV at 35 Cal/cm2
- · Light back-of-hand bump protection
- Aramid blend liner for 360° cut protection (interior layer)
- Goatskin leather provides traditional style of comfort
- · Sewn with aramid thread
- Extended safety cuff for increased protection Available in sizes 6/XS through 12/3XL



ANSI/ISEA CUT GRAM SCORE

A3 1161

ANSI/ISEA PUNCTURE

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3X22C



2143

Hex1[®] Arctic

- Arc Flash Level 3 Rating: Lab tested in accordance with HRC ATPV at 35 Cal/cm2
- · Light back-of-hand bump protection
- Aramid blend liner for 360° cut protection (interior layer)
- Goatskin leather provides traditional style of comfort
- · Sewn with aramid thread
- C100 Thinsulate™ interior liner keeps hands warm
- Extended safety cuff for increased protection Available in sizes 6/XS through 12/3XL

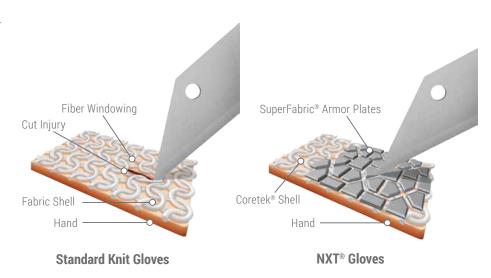




A Revolution in Hand Protection Technology

Our proprietary Coretek® blend of fibers creates a high-performance glove structure that is specially designed to house our licensed SuperFabric® guard plates, providing industry-leading cut resistance on the exterior of the hand while preserving all the dexterity of an ordinary knit glove. The bonding of these fabrics reduces the ability of fibers to "window," or separate, preventing cut and puncture hazards from reaching the user's hand.

- Exceptional performance in realworld application testing: NXT® doesn't have the weaknesses of standard fiber-knit products, which provide less protection from cuts and punctures when immobilized, under tension, or coated.
- Provides significantly higher abrasion resistance than standard fiber-knit products, which means higher performance longer in the product's life.





10-302

NXT

- · Coretek® fiber keeps hands cool and comfortable
- Designed to be worn under standard nitrile, latex, or vinyl glove
- 3-finger coverage targets primary area for knife strikes
- Meets European food migration testing (EN 1186:2002 SI 1998 No 1376)
- Sanitizeable
- Ambidextrous, sold in eaches
 Available in sizes 5/XXS through 12/3XL



ANSI/ISEA CUT

A7
SuperFabric®
A1
405
Coretek®
Coretek®





Your Ultimate Defense Against Needles & Thorns

Introducing the first heavy-duty cactus landscaping gloves: the ThornArmor® 3092. Brought to you by the industry leader in needlestick protection, ThornArmor® by HexArmor® uses innovative technology to defend against needles and thorns. Say goodbye to the days of wrapping up cactus with carpet and newspaper or using rope to move these plants around.

For professional landscaping contractors, ThornArmor® gives workers the ability to pick up and move cactus by hand, without having to worry about harmful pokes. And for the serious DIY gardener, these are the same professional-grade tools the best horticulturists use.



"I never thought I would see the day you could pick up a cactus with your hands." - Arizona Nursery Owner





3092

ThornArmor[®]

- Three layers of SuperFabric® brand material in the palm and partial index finger wrap (interior layer)
- Breathable HexVent® panel on the back-of-hand helps keep you cool
- TP-X® palm material
- Airprene cuff with Velcro® closure
- Reinforced fingertips

Available in sizes 5/XXS through 11/XXL



ANSI/ISEA CUT GRAM SCORE
A9 7668 4X33F
ANSI/ISEA NEEDLESTICK NEWTONS
4 LEVEL 5 11.94



The Only Proven Needlestick Solution

HexArmor® needlestick-resistant products work by layering flexible SuperFabric® brand materials over each other; providing superior performance without sacrificing dexterity. SuperFabric® guard plates either block and deflect or trap and arrest needle hazards in the small gaps found between guard plates, keeping workers safe from needlestick injuries.

Don't Get Stuck with Faulty Hand Protection

The precise cost of needlestick injuries is difficult to quantify. According to the American Hospital Association, one case of serious infection by blood-borne pathogens can add up to \$1 million or more in expenses for testing, lost work time, and disability payments. Even when no infection occurs, the cost to organizations is estimated to be more than \$3,000 per injury for testing, counseling, and time off work.

HexArmor® sets the industry standard for needle protection with solutions for a variety of applications. Our needlestick-resistant products do more than simply pass industry-accepted testing methods; we put them through real-world applications countless times, with a history of undeniable success.



GRAM SCORE (**A9** 8668 4X12F NEEDLESTICK NEWTONS

LEVEL 5 11.59



Hercules® NSR

- SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- · Full coverage design and pre-curved shape for maximum comfort and protection
- · Silicone dot palm grip

Available in sizes 7/S through 11/XXL



GRAM SCORE (**A9** 6679 4X42F NEEDLESTICK NEWTONS

LEVEL 5 11.546



3

PointGuard® Ultra

- SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- SuperFabric® brand material demonstrated high pressure fluid resistance - fluid-injection resistant up to 10,150 PSI (700 bar)
- · Back-of-hand knuckle padding for incidental bumps/impact
- · Silicone palm pattern for enhanced grip
- · Neoprene cuff with Velcro® closure

Available in sizes 5/XXS through 11/XXL



ANSI/ISEA CUT (€ ७ **A9** 6679 4X42F LEVEL 5 11.546

> 3 Layers SuperFabric® SuperFabric[®] LEVEL 3 6.9 2 Layers SuperFabric®

3 Layers SuperFabric® Protection

PointGuard® Ultra

- SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- · Back-of-hand knuckle padding for incidental bumps/impact
- · Synthetic leather palm with silicone pattern grip
- · Neoprene cuff with Velcro® closure Limited sizes available



4321 **A7** ANSI/ISE NEEDLESTICK LEVEL 2

LEVEL 3 2 Layers SuperFabric®

5.284 6.9 2 Layers SuperFabric®

(€ ∰ 4X22F NEWTONS

· Back-of-hand knuckle padding for incidental bumps/impact

· Silicone palm pattern for enhanced grip

SuperFabric® brand material provides industry-leading needlestick resistance

· Neoprene cuff with Velcro® closure Available in sizes 6/XS through 12/3XL

PointGuard® Ultra

(in noted enhanced areas)

ointGuard[®]



ANSI/ISEA CUT ANSI/ISEA CE **A7**

4X12F 3

GRAM SCORE 4064 LEVEL 2

804

A9

4

LEVEL 4

8.42 2 Layers SuperFabric®

5.8



PointGuard® Ultra

- SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- · Aramid liner for back-of-hand protection
- · Premium goatskin leather
- · SlipFit® cuff

Available in sizes 6/XS through 11/XXL



A9

ANSI/ISEA PUNCTURE

4

GRAM SCORE (6408 4X33F

NEEDLESTICK NEWTONS LEVEL 4

8.6

3 Layers SuperFabric® Protection

3 Layers SuperFabric® Protection

2 Layers SuperFabric® Protection

6044

PointGuard® Ultra

- SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- · Recommended use as an underglove solution with appropriate top-glove combination
- · Lightweight spandex shell with elastic wrist

Available in sizes 5/XXS through 11/XXL



SharpsMaster HV®

- SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- · Single-glove needle solution with incredible dexterity and comfort
- · Flat nitrile three-quarter knuckle coating

Available in sizes 7/S through 10/XL



ANSI/ISEA CUT GRAM SCORE **A9**

5 LEVEL 5 10.279

7167 4X44F NEEDLESTICK NEWTONS SharpsMaster II®

- · SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- · Cotton blend shell provides exceptional dexterity and feel
- · Wrinkle rubber latex palm coating

Available in sizes 6/XS through 10/XL



GRAM SCORE (

NEEDLESTICK NEWTONS

LEVEL 4 9.87

4X33F

7345



ANSI/ISEA CUT GRAM SCORE (7167 4X43F **A9** NEEDLESTICK NEWTONS 4 LEVEL 5 11.143



PointGuard® Ultra

- SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- · SuperFabric® brand material demonstrated high pressure fluid resistance - fluid-injection resistant up to 10,150 PSI (700 bar)
- · Single-glove needle solution with incredible dexterity and comfort
- · Sandy nitrile three-quarter knuckle coating

Available in sizes 7/S through 10/XL





AG8TW

8" Needle Resistant **Arm Guard**

- SuperFabric® brand material provides industry-leading needlestick resistance
- · Won't fall down like knit sleeves
- · Spandex wrist insert with thumb hole and snap fasteners

Available in sizes 7/S through 12/3XL





4049R/4049

PointGuard® Ultra

- · SuperFabric® brand material provides industry-leading needlestick resistance (in noted enhanced areas)
- PU palm grip material for precise handling
- SlipFit® cuff
- · Sold in eaches

Available in sizes 6/XS through 11/XXL



ANSI/ISEA CUT	GRAM SCOR
A6	3572
SuperFabric®	SuperFabri
Δ2	5410

Level 2 Level 1 Level 3 Level 3

6.3

(€ ∰

4X22F

2.43

Puncture & Needle Testing Explained

The ANSI/ISEA 105 Test

In February of 2016, the ANSI/ISEA 105 standard was updated and published to include two puncture standards: Puncture Resistance (other than hypodermic needle) and Hypodermic Needlestick Puncture. Prior to 2015, there was only one puncture test, which did not specify the type of puncture hazard the standard was created for, leaving it open for interpretation. Having both an industrial puncture standard and a hypodermic needle puncture standard allows safety managers to differentiate between what protection they need most, based on more relevant testing and classification.





EN 388: Industrial Puncture Resistance (Non-Hypodermic Needlestick Puncture)

The EN 388 probe is the approved puncture test for ANSI/ISEA 105 and measures the amount of force needed for a blunt probe to pierce through the sample material (taken from palm).

- The blunt probe moves at a 90° angle at a speed of 100mm/minute
- Results are reported in Newtons and are given a 1-5 classification rating, with 1 being low resistance and 5 being high resistance
- The test is done 4 times for every palm sample
- · The lowest score is reported

ASTM F2878: Hypodermic Needlestick Puncture Resistance

The ASTM F2878 is the approved puncture test for ANSI/ISEA 105 and measures the amount of force needed for a 25-gauge hypodermic needle to pierce through the sample material.

- The puncture probe (25-gauge needle) travels at a 90° angle into specimen at a vector of 500 millimeters per minute.
- Results are reported in Newtons and are giving a 1-5 classification rating, with 1 being low resistance and 5 being high resistance
- The test is done 12 times for every palm sample
- The average of the 12 results is reported



Having both an industrial puncture standard and a hypodermic needle puncture standard allows safety managers to differentiate between what protection they need most, based on more relevant testing and classification.

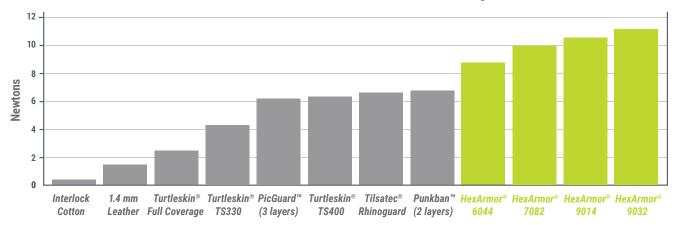
The Results

We tested our needlestick and puncture-resistant gloves, as well as competitive gloves, using the ASTM F2878 methodology, producing the following results:



Our needlestick-resistant gloves and arm guards give you maximum protection and peace of mind.

ASTM-F2878 Needle Resistance Comparison



^{*}The Newton is the Standard International unit of force. One Newton is the force required to cause a mass of one kilogram to accelerate at a rate of one meter per second squared in the absence of other force-producing effects.



CASE STUDY

SteelLeather® 5033 Saves a Worker's Finger

While replacing a steam valve in a manufacturing site, a maintenance worker was exposed to a nail on a wooden crate. The worker accidentally grabbed the crate where the nail was protruding. The nail punctured through the leather on the middle finger but was stopped by the protective liner in the HexArmor® SteelLeather® 5033 glove. The nail ripped the leather shell but did not puncture the protective layer of SuperFabric® material. HexArmor® saved the worker from serious injury, allowing the worker to continue the workday.



5033

Stooll oathor

- SuperFabric® brand material provides industry-leading cut resistance (interior layer)
- Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- Cut and abrasion-resistant SuperFabric® knuckle patch
- Premium goatskin leather
- SlipFit® cuff

Available in sizes 6/XS through 12/3XL











4X44F

EN407: 2004

X2XXXX

5039

SteelLeather®

- · SuperFabric® brand material provides 360° industry-leading cut resistance (interior layer)
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Hi-vis, heat-resistant back-of-hand material
- · Premium split cow leather
- · Safety cuff

Available in sizes 7/S through 12/3XL







5042

Bandit®

- · High-performance Corecept® technology provides industrial puncture protection from wires, metal, wood, and glass (interior layer)
- · Premium cowhide leather
- · Critical seams reinforced along thumb and bottom edge for extra protection
- · Canvas safety cuff

Available in sizes 7/S through 11/XXL



ANSI/ISEA CUT GRAM SCORE (2348 PENDING

A5 ANSI/ISEA PUNCTURE

5



Bandit®

- High-performance Corecept® technology provides industrial puncture protection from wires, metal, wood, and glass (interior layer)
- · Surface-treated premium cowhide leather
- · Critical seams reinforced along thumb and bottom edge for extra protection
- · Extended canvas safety cuff with adjustable Velcro® closure on the palm side

Available in sizes 6/XS through 11/XXL



ANSI/ISEA CUT GRAM SCORE 3453 **A6** ANSI/ISEA PUNCTURE

4

(€ 🧐 4X33F EN407: 2004 **4XXX42**



250°C and 9 seconds at 350°C · Back-of-hand goat skin leather reinforcements Kevlar stitching throughout for

added strength and durability

HeatArmor®

• Aramid liner provides 360° cut protection (interior layer)

HeatHide™ technology leather treatment

is ideal for extreme heat applications

· Premium heat-resistant treated split

· Time to discomfort is 12 seconds at

for flammability resistance

cowhide leather rates EN407 level 4

· Extended safety cuff Available in sizes 7/S through 12/3XL

ANSI/ISEA CUT GRAM SCORE 5232 **A8**

ANSI/ISEA PUNCTURE 3



X2XXXX

(€ 🧐

4X22F

EN407

(€ 🕭

HeatArmor®

- SuperFabric® brand material provides 360° industry-leading cut resistance (interior layer)
- · Rates CE Level 2 for contact heat, up to 250°C
- · Extended canvas safety cuff Available in sizes 8/M through 10/XL



ANSI/ISEA CUT GRAM SCORE **A9** 6380 4X34F ANSI/ISEA PUNCTURE

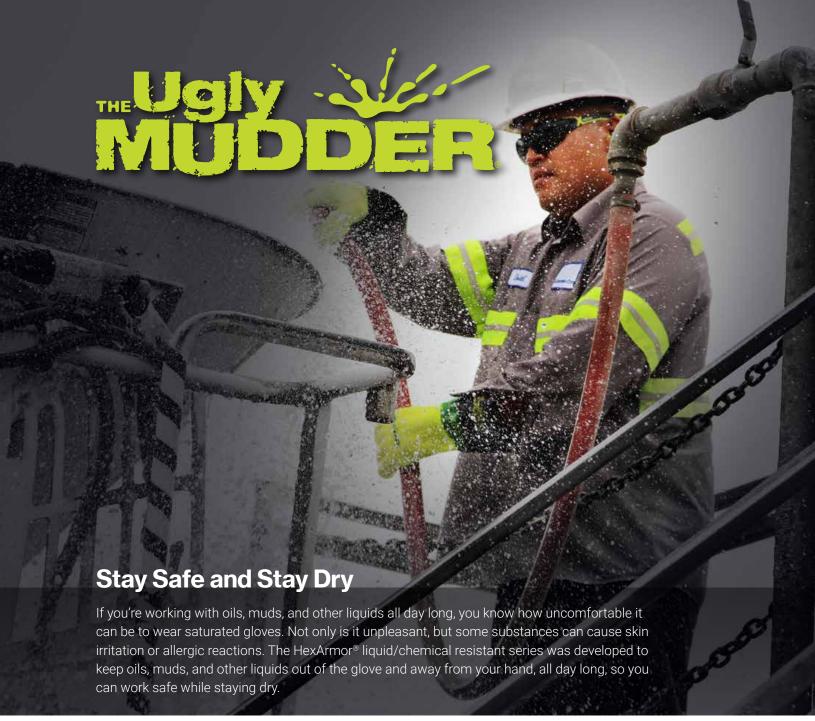


400R6E

Hercules®

- SuperFabric® brand material provides 360° industry-leading cut resistance (interior layer)
- Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Gauntlet design and pre-curved shape for maximum comfort and ultimate protection
- · Silicone palm grip
- · Extended gauntlet style cuff

Available in sizes 8/M through 11/XXL





Ugly Mudder®

· High-performance interior layer provides

- 360° industry-leading cut resistance • PVC-Nitrile coating provides a liquid-resistant barrier while providing enhanced grip
- · Full back-of-hand encapsulated impact guards
- · Textured palm for exceptional grip and durability
- 13" safety cuff for easy on and off Available in sizes 8/M through 11/XXL



ANSI/ISEA CUT GRAM SCORE CE 419 3142XP



Ugly Mudder®

- PVC-Nitrile coating provides a liquid-resistant barrier while providing enhanced grip
- · Full back-of-hand encapsulated impact guards
- · Textured palm for exceptional grip and durability
- · Safety cuff for easy on and off

Available in sizes 8/M through 11/XXL

Resist Impacts. Revolutionize Safety.

Every component from the comfortable inside liner to the durable, outer layer adds to the total performance of the Ugly Mudder® series, which is why we only use quality components and construction. These are much more than gloves, they are a complete hand safety system.

The Liner: Ugly Mudder® gloves feature a premium medium-weight liner for increased strength, durability, and comfort.

The Coating: A premium PVC/Nitrile coating provides exceptional protection against liquids and chemicals and a softer feel. This single coated layer is cured at a high temperature, ensuring optimized curing and chemical cross-linking. The 7212, 7213, and 7310 feature a particle PVC palm for an enhanced grip.

Impact Protection: The Ugly Mudder® series is designed to protect workers' hands from a wide variety of impact hazards. Encapsulated impact guards are integrated within the outer coating, leaving no gaps between the knuckles providing continuous impact protection from fingertip to wrist.







7311Ugly Mudder®

- PVC-Nitrile coating provides a liquid-resistant barrier while providing enhanced grip
- Full back-of-hand encapsulated impact guards
- Safety cuff for easy on and off Limited sizes available

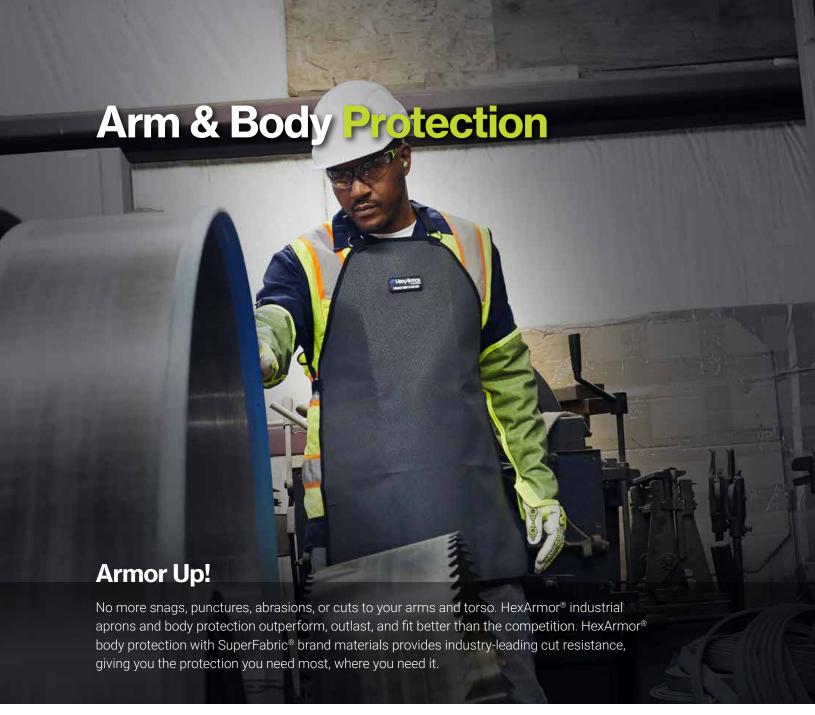


High-Performance Protective Material

7200

Liquid Resistant

- Textured PVC coating provides a liquid-resistant barrier while providing enhanced grip
- Full-coverage design provides 360° cut resistance
- Extended gauntlet-style cuff Available in sizes 7/S through 11/XXL





ANSI/ISEA CUT GRAM SCORE (**A7**

4886 4X21F

ANSI/ISEA PUNCTURE



PentaArmor®

- SuperFabric® brand material provides industry-leading cut resistance
- · Elastic thumb loop and sleeve clip keeps sleeve from falling
- · Hi-vis color scheme for visibility Available in sizes 7/S through 11/XXL



GRAM SCORE (5254 4X11F **A8** NEEDLESTICK NEWTONS **LEVEL 2 5.5125**



8" Needle-Resistant **Arm Guard**

- SuperFabric® brand material provides industry-leading needlestick resistance
- · Won't fall down like knit sleeves
- · Spandex wrist insert with thumb hole and snap fasteners

Available in sizes 7/S through 12/3XL





AG10009S

9" Arm Guard

- · SuperFabric® brand material provides industry-leading cut resistance
- Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Spandex wrist insert with thumb hole

Available in sizes 6/XS through 12/3XL





AG10009V

9" Arm Guard

- · SuperFabric® brand material provides industry-leading cut resistance
- Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Spandex wrist insert with thumb hole
- · Adjustable Velcro® closure design

Available in sizes 7/S through 12/3XL







9" Arm Guard

- SuperFabric® brand material provides industry-leading cut resistance
- Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Extended cuff with Neoprene thumb loop and Velcro® closure

Available in sizes 7/S through 12/3XL





SuperFabric®

AS019S

19" Arm Sleeve

- SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Neoprene thumb loop and sleeve clip keeps sleeve from falling

Available in sizes 6/XS through 12/3XL





Helix® Series Arm Guard

- Lightweight 13g HPPE, nylon. steel, fiberglass blend knit with industry-leading cut resistance
- Specialized knit technology feels soft and cool on the interior
- · Knit upper arm cuff and thumb loop prevents dirt and debris from entering
- · Launderable for extended life and retains shape after repeated washings
- · Rates CE Level 1 for contact heat Available in sizes S through XL





Helix® Series Arm Guard

- · Lightweight 13g HPPE, nylon. steel, fiberglass blend knit with industry-leading cut resistance
- · Specialized knit technology feels soft and cool on the interior
- · Knit cuffs prevents dirt and debris from entering
- · Launderable for extended life and retains shape after repeated washings
- · Rates CE Level 1 for contact heat Available in sizes S through XL

Arm & Body Protection





High-Cut HexCap

- SuperFabric® brand material provides industry-leading cut resistance
- · Breathable material
- · Velcro adjustable strap
- · 2.75-inch brim length

One size fits most



GRAM SCORE 4425 Α7



Coming Soon!

High-Cut HexCap

- · SuperFabric® brand material provides industry-leading cut resistance
- · Breathable material
- · Velcro adjustable strap
- · 1-inch brim length for increased field of vision

One size fits most





ANSI/ISEA CUT GRAM SCORE (**A7** 4425 4X42F ANSI/ISEA PUNCTURE 3



HexJacket

HAJ01/HAJ02

- · SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- Heavy duty double layer (HAJ02) Available in sizes 7/S through 12/3XL Visit hexarmor.com for sizing instructions





Gaiters

- · SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Front-to-back leg coverage
- · Reflective strip for visibility
- · Additional laver options available upon request

Available in sizes 6/XS through 12/3XL







9911/9915/9919

- · SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Front-to-back leg coverage
- · Double layer (9919)
- Three layers of protection on knee (front only, 9911)
- · Reflective strip for visibility

Available in sizes 7/S through 12/3XL



A7 4425

HexMat

9905/9907

- · SuperFabric® brand material provides industry-leading cut resistance
- · Ideal solution for working with rough surfaces and shattered/broken hazards
- · Pliable material fits anywhere you need protection

Sizes: 20"x 45" (9905), 50"x 30" (9907)





20" x 30" Apron

- · SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- Medium weight (single layer)

One size fits most





AP10222

20" x 30" Apron

- SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Heavy duty (double layer)

One size fits most











5





AP321/322

24" x 30" Apron

- · SuperFabric® brand material provides industryleading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- Medium weight (single layer, AP321)
- · Heavy weight (double layer, AP322)

One size fits most



GRAM SCORE (ANSI/ISEA CUT 4X44F **A9** 7377 ANSI/ISEA PUNCTURE

5

20" x 22" Apron

- · SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- Heavy duty (double layer)

One size fits most



ANSI/ISEA CUT GRAM SCORE (4425 4X42F **A7**



36" Apron

- · SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- · Double layer belly patch
- · Split leg design

One size fits most



ANSI/ISEA CUT GRAM SCORE (**A9** 7377 4X44F ANSI/ISEA PUNCTURE 5



24" x 38" Apron

- · SuperFabric® brand material provides industry-leading cut resistance
- · Industrial puncture protection on enhanced areas protects against wires, metal, wood, and glass
- Heavy duty (double layer)

One size fits most



The Technology Behind Staying Cool

We're bringing cool to a whole new level. With this cooling technology, high-performance fabric is moisture-activated so that as water evaporates, fast-drying microfibers and natural minerals accelerate the cooling process. When the sun's rays reflect off the minerals, thermal energy is thrown away from the body. Workers are cooler faster – and for longer. Plus, odor and fiber deterioration won't be an issue with Bact-Out®, a proprietary antimicrobial technology that provides resistance and control against 99.9% of bacteria – even after 50 washes! ColdRush® products also offer 30+ UPF UV protection to help workers stay safe in the sun.

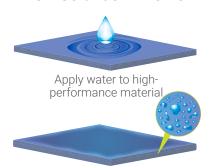


Du Rag

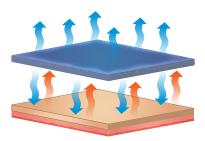
ColdRush[®]

- Fast-drying microfibers and natural minerals in high-performance fabric technology accelerate the cooling process
- Extended flap lays on neck, a prime cooling point
- · Bact-Out® antimicrobial technology
- 30+ UPF UV protection
- · One size fits most

How ColdRush® Works:



Material absorbs and retains moisture



Fast-drying microfiber filaments and natural minerals accelerate the cooling process while deflecting harmful sun rays



Safety Helmet Insert

ColdRush®

- Fast-drying microfibers and natural minerals in high-performance fabric technology accelerate the cooling process
- Bact-Out® antimicrobial technology
- Flat seams for comfortable feel against your skin
- · Velcro® straps attach to safety helmet
- · 30+ UPF UV protection
- · One size fits most



Towel

ColdRush®

- Size: 9" x 36
- Fast-drying microfibers and natural minerals in high-performance fabric technology accelerate the cooling process
- Bact-Out® antimicrobial technology



6005 Cooling Zone



Industrial-Strength Footwear for Any Industry



These industrial-grade work boot covers are a perfect fit for in-home service workers, industrial workers entering sanitary work areas, food prep and agriculture, and people working in clean rooms and sterile environments. Save yourself the time of taking off your boots, or the cost and inconvenience of going through boxes of disposable booties, and take a step in the right direction.

YULEYS® Clean Step System

- · Hands-free on-and-off
- Heel-lock system
- · Flexible design
- Anti-slip tread
- · Specifically designed for steel-toed boots
- · Recyclable, reduces effects on landfills
- · Industrial-grade SEBS rubber
- · Available in blue, gray, and red Visit hexarmor.com for sizing



Give Disposable Booties the Boot

Say goodbye to dirt and grime and say hello to YULEYS® from HexArmor®, the reusable, slipon boot cover that's helping even the dirtiest jobs clean up their act. The

typical disposable booties are slippery and expensive, and after spending one day on the job, they spend a lifetime in a landfill. YULEYS® can be easily slipped into and used thousands of times, while providing greater traction and protecting floors and walls.



Fast, Cost Effective, Clean.

Save money by replacing disposable booties with YULEYS® reusable work boot covers. On average, a box of disposable booties costs \$10 for 100 pairs. If 1 worker enters a residence an average of 7 times a day, that would be \$.70 per day; multiply that by 5 days a week, and you've got \$3.50 per week. Multiply that by 48 working weeks a year, and your grand total is \$168/year per worker.

Leaner, Cleaner, Greener,

Millions of booties are disposed of every day. YULEYS® work as hard as the people who wear them and are built for heavy use. If they ever need to be replaced, they can be easily recycled and given another life.



Glove Sizing Guide

Industrial gloves fit differently than most gloves because of the materials used to provide protection. We recommend using our size chart (below) and reviewing glove descriptions and materials. Please note that this chart should be used only as a general guideline, as different styles of gloves will measure slightly different. If you are still uncertain about what size would best fit your hand, give us a call at 1-616-459-4144.

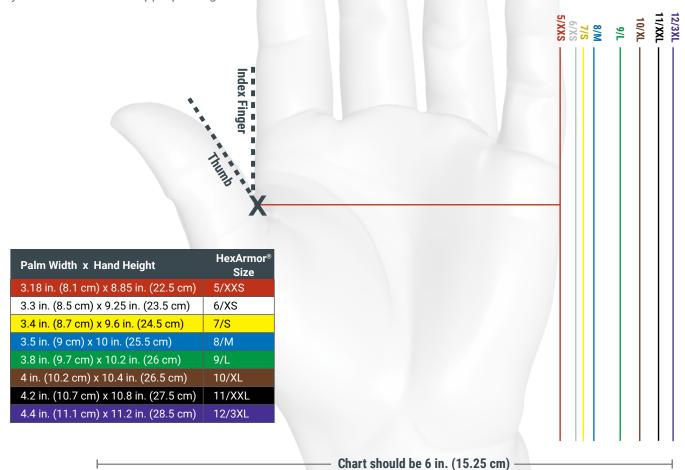
Two Ways to Measure

Measure Your Hand (Recommended)

For palm width, measure the width across your palm where your hand naturally bends. For hand height (seamless gloves only), measure from the tip of your middle finder to where the cuff will end on your forearm. Compare this measurement to the chart below to determine your glove size. For seamless gloves, the stiching color on the glove cuff corresponds to the matching size color in the chart.

Or, Print this Chart to Help Measure

Print the below glove chart at **100% size** to assist with accurate measurement. **Reducing or enlarging the printout** will result in inaccurate measurements. Place your right hand on the glove chart so that the saddle of your thumb and index finger line up with the X. The measurement closest to the right edge of your hand will be the appropriate glove size.

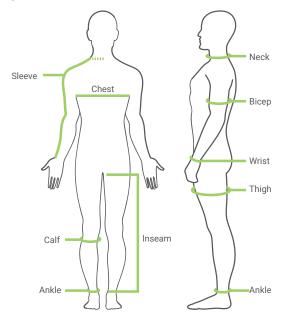


Arm & Body Protection

You may need to order one size larger when wearing arm guards over shirt sleeves, in which case we recommend measuring over your clothes. Having someone assist you will ensure accurate measurements.

How to Measure

- **Neck:** Measure the circumference where a standard button-down type collar would be fastened.
- **Bicep:** Measure around the widest part, a few inches below the shoulder.
- **Chest:** Measure the width at the fullest point, keeping the tape horizontal.
- Sleeve length: Measure the distance from the prominent bone in the center on the back of the neck, across the shoulder, over the bent elbow, to the wrist bone.
- **Inseam:** Measure the length from the crotch seam to the bottom of the leg
- Ankle: Measure around the widest part, just above the ankle bone.
- Calf: Measure around the widest part, a few inches below the knee.



Product	6/XS	7/S	8/M	9/L	10/XL	11/XXL	12/3XL
AG8TW	n/a	Length 7.5" Wrist 8" Width 10"	Length 7.75" Wrist 8" Width 10"	Length 8.5" Wrist 9" Width 11"	Length 9.25" Wrist 9.5" Width 12.5"	Length 10" Wrist 10" Width 14"	Length 10" Wrist 12.5" Width 16"
AG10009S, AG10009V, and AG9X	Length 9.5" Wrist 8.5" Width 12.25"	Length 9.5" Wrist 9" Width 13"	Length 10.25" Wrist 10.25" Width 14.25"	Length 10.5" Wrist 11.5" Width 15"	Length 11" Wrist 14" Width 17"	Length 11" Wrist 14" Width 17.5"	Length 12.25" Wrist 14.5" Width 18"
AS019S	Length 19.25" Wrist 8" Bicep 15"	Length 20.5" Wrist 8.25" Bicep 15.5"	Length 21" Wrist 9" Bicep 16.5"	Length 21.75" Wrist 9.25" Bicep 18"	Length 22.5" Wrist 10.25" Bicep 18.5"	Length 23" Wrist 11.75" Bicep 23"	Length 24.25" Wrist 12.25" Bicep 24.25"
1010	n/a	Length 16.75" Wrist 7" Bicep 14.75"	Length 18" Wrist 8.5" Bicep 16.5"	Length 19" Wrist 9.5" Bicep 19"	Length 20" Wrist 10.75" Bicep 20.5"	Length 21" Wrist 12" Bicep 22"	n/a
2041 & 2042 Helix®	n/a	Length 18" Wrist 8" Bicep 9"	Length 18" Wrist 8.5" Bicep 10"	Length 18" Wrist 9" Bicep 11"	Length 18" Wrist 10" Bicep 12"	n/a	n/a
Chaps	n/a	Inseam 20" Thigh 26" Ankle 24"	Inseam 22.5" Thigh 26" Ankle 24"	Inseam 24.4" Thigh 26" Ankle 24"	Inseam 26" Thigh 30" Ankle 26"	Inseam 28" Thigh 35" Ankle 30"	Inseam 30" Thigh 38" Ankle 34"
Gaiters	n/a	Inseam 13" Calf 14" Ankle 14"	Inseam 14" Calf 16" Ankle 16"	Inseam 15" Calf 18" Ankle 18"	Inseam 17" Calf 20" Ankle 20"	Inseam 18" Calf 22" Ankle 22"	Inseam 18" Calf 24" Ankle 24"
HexJacket	n/a	Neck 15" Chest 21" Sleeve 22"	Neck 16" Chest 22.5" Sleeve 23"	Neck 17" Chest 26.5" Sleeve 26"	Neck 18" Chest 26.5" Sleeve 26"	Neck 19" Chest 28.75" Sleeve 28"	Neck 20" Chest 30" Sleeve 29.5"

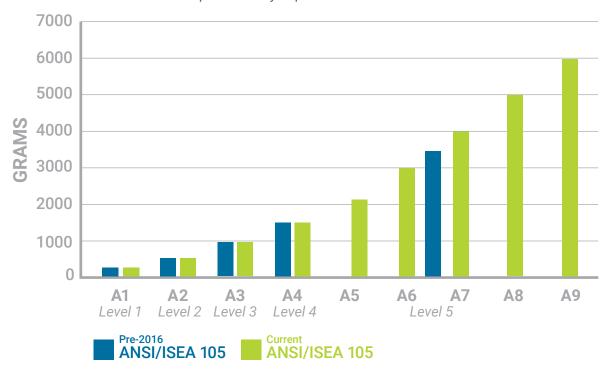
Cut Standards Explained

In February 2016, the standards outlined in the American National Standard Institute (ANSI) and International Safety Equipment Association (ISEA) for Hand Protection Selection Criteria (ANSI/ISEA 105-16) changed. In April 2018, changes were also made to the EN 388 European regulatory standard for protective gloves (CE). These new glove standards will help safety managers choose the proper hand protection with greater precision and confidence.

Understanding the Changes to the ANSI/ISEA 105 American National Standard for Hand Protection

To apply consistent meaning to ANSI/ISEA 105 cut ratings for the end user, a single test method is now used for establishing cut levels (ASTM F2992-15). In addition, the number of classification levels was expanded both to address the gaps of protection between cut levels and to model the classification approach used in similar international standards.

The standard employs a 9-level scale (expressed as A1-A9) that spans 0 grams to 6,000 grams of cut resistance. This allows for more accurate identification of cut protection. The most significant change calls for cut level 4—which formerly ranged from 1,500 grams to 3,500 grams of cut resistance — to be divided into three separate levels. The more granular rating allows end users to better identify a level of cut resistance that meets their specific safety requirements.



ANSI/ISEA 105 Cut Resistance Testing

In addition to a more accurate cut resistance classification scale, the ANSI/ISEA 105:16 now only references the Tomodynamometer Test Method (TDM-100) based on the ASTM F2992-15, discarding the Cut Protection Performance Tester (CPPT) methods formerly recognized as the alternative test(s). The TDM-100 determines the amount of weight, measured in grams, necessary for a blade to achieve cut-through of PPE material at the reference distance of 20 MM of blade travel (a change from the old standards which referenced both 20 MM and 25 MM, depending on the testing standard used).

Understanding the Changes to the EN 388 European Standard for Cut Resistance

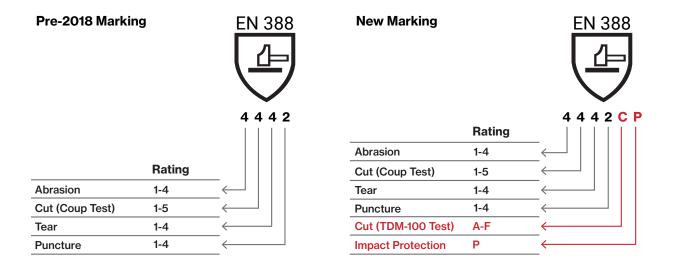
As of April 2016, a number of important changes were finalized to the EU cut resistance standard, EN 388. Most notably, the changes address inconsistencies with the Coup Test and provide additional cut levels for highly cut-resistant materials.

EN 388 Cut Resistance Testing + New Glove Markings

The EN 388 standard now requires the Coup Test and the TDM-100 Test (ISO 13977) in certain situations. The TDM-100 test is required only if a highly cut-resistant material has not been cut through after 60 rotations with the Coup Test. However, the TDM-100 test can be used on its own without using the Coup Test first.

With the Coup Test, a circular blade moves back and forth across a material sample under a fixed load of 500 grams (a very low force, amounting to less than one pound). The number of blade revolutions needed to cut through the material is then compared to a control sample. The ratio of the sample to the control is converted to an index that is applied to a five-point rating scale—1 (low) to 5 (high). With the updated standard, this test is limited to a maximum of 60 rotations, whether the blade has cut through the material or not. If the test reaches 60 rotations and the material has not been cut through, the TDM-100 test must then be implemented.

The TDM testing machine measures cut resistance using a straight blade and variable weight (like the ANSI/ISEA 105 cut test). The ISO 13997 reports results in Newtons and yields scores expressed by letters A (low) to Level F (high). If the TDM Test is implemented, it is expressed as the fifth placement on the CE Marking, as seen on the "New Marking" portion of the graph below.



North American Manufacturers and Distributors Are Not Required to Certify Their Cut Resistance

The CE is the only certification-requiring body for PPE, meaning the product has been verifiably tested and results reported. CE marking is required before legally being sold into the European market. This is different from North America where the ANSI/ISEA establishes only standardizations for cut-resistant materials.

This means North American manufacturers and distributors can claim cut resistance and sell their products in North America without ever testing them. If they do elect to test them for cut resistance, they can use any method they choose. For this reason, it is extremely important to gather information both about the material used in PPE, as well as the methods by which it is tested, before continuing with a purchase decision. HexArmor® recommends following the ANSI/ISEA 105:2016 standard when selecting appropriate hand protection.

The Employer Is Ultimately Responsible for Providing PPE That Meets Employees' Needs

Per OSHA regulations, the burden of responsibility concerning cut resistance falls on the employer. Though testing regulations and certifications are a viable starting point for the purchase decision process, they are never to be taken as isolated validation of the protection offered to an employee.

Cut-Resistant PPE Manufacturers and Suppliers Can Provide Further Understanding of Cut Testing

Ask them questions and seek thorough explanations for the methods that they have selected to test their products. More information on each of these tests listed can be found on these websites:

www.astm.org

www.iso.org

• www.cen.eu



Be Smart About PPE Testing

What to Do When Evaluating Gloves

Real-world applications are different from cut tests done in a lab. Even cut tests may vary by using different methods and producing different results.

When people hear the words "cut and puncture resistant," most will have a tendency to want to do their own informal testing. Often they will put the glove on a hard, flat surface and run a sharp instrument over the surface of the glove to test for cut resistance. We do not encourage customers to test in this manner. Although testing with a knife or other sharp object on a hard surface like a table may seem like a good testing method, in reality, it is not and has little semblance to real-world applications.

Each HexArmor® product is unique in their cut, puncture, tear, and abrasion properties. We encourage testing using actual hazards in a manner that best represents real-world situations, WITHOUT anyone's hand in the glove. If you have any questions about testing or would like to talk to us about testing, please contact us.

Abrasion Resistance. If a glove fails too early due to wearing through from an abrasive hazard, the skin is quickly exposed to cut hazards. The higher the abrasion level, the higher the level of protection from not just abrasion but from cut and punctures.

Stability. Evaluate the performance of a new glove versus a glove that has been worn for a day. Look for products that don't degrade when exposed or used. Some products are affected when subjected to abrasion, washed, or exposed to UV light. Many products on the market lack the ability to provide consistent performance.

Windup, All Occurrences. Some materials can be caught in machine parts such as rotating grinding wheels or drills and sanding materials. This can pull the hand or finger into the equipment and cause severe injury to tendons, muscles, and ligaments. Protective gloves that prevent or reduce windup risks are available and can be used where risks are present.

Fit. Gloves that are too tight may cut easier because many of the fibers used for cut resistance use a rolling action to increase cut resistance. When these fibers cannot roll, such as when they are stretched from an ill-fitting or wrong-sized glove, they can "lose" some of their cut resistance. Take an example from the kitchen and do this simple experiment: Put a cucumber on a cutting board and take a very sharp knife. Try to cut the cucumber with a sawing motion without holding the cucumber. It just rolls and doesn't cut. Now hold the cucumber and do the same thing. It cuts very easily. Tight-fitting gloves can perform like the immobilized cucumber. Loosefitting gloves can also be a hazard for catching or snagging on tools and equipment. Make sure your glove program accounts for proper sizing and that employees know what to look for when picking gloves.

Coating. Once the coating is applied, the rolling and twisting that helps the fiber achieve its cut resistance can be reduced. Most coated gloves have higher cut resistance on the back-of-hand than on the palm because the fibers are not coated. Keep this in mind as you select your hand protection.

Grip. Using a grip that isn't appropriate for the job can lead to higher injury rates as objects with sharp edges slip, causing injury.

Glove Care - Why Does It Matter?

Improper glove care can shorten the life of your PPE

It can also lead to dermatitis, decreased dexterity, loss of protective abilities, and odor. Glove care refers not only to laundering but also proper storage, routine glove checks, and knowledge of materials and their particular strengths and weaknesses.

Because there are so many different work gloves on the market, experienced safety managers should be aware of what workers' gloves are made of and how they will stand up to the applications they're being used for. Common glove materials include nylon, spandex, leather, cotton, SuperFabric®*, Kevlar®, and knit fibers. Each of these materials has a certain way it needs to be cared for. Often there is a blending of the materials, making proper care even more crucial.

Proper Storage

Gloves should be stored in clean, dry conditions, away from direct sunlight and extreme temperatures.

Routine Glove Checks

Glove life varies depending on the application, environment, and amount of use. It is vital that you perform routine glove checks before beginning work every day. Take note of areas that have begun to wear down, such as loose Velcro® or a worn-down name tag. If you see holes in the synthetic leather or TP-X® material on the palm of your glove, this is an indication that its protective qualities may be compromised, putting you at risk of injury. Lingering moisture or a strong odor are also signs that your gloves may need to be replaced.

Keeping an eye out for these issues (and others) takes you one step further from a worksite hand injury, which is the ultimate goal of hand protection.

Cleaning + Care

Most gloves and arm and body PPE are machine washable. Please see hexarmor.com for product specific washing instructions.

Increase Your Glove Lifespan

Laundering removes harmful chemicals, perspiration, and everyday grit and grime that can weaken protective fibers and seams. Our team of HexArmor® solutions specialists are here to help you with this process, and they are more than happy to provide you with all the information you need.





protecting people

Hex/Armor

Call 1-877-MY ARMOR or visit hexarmor.com

HexArmor® products are cut and puncture resistant, NOT CUT AND PUNCTURE PROOF. Do not use with moving or serrated blades or tools. User shall be exclusively responsible to assess the suitability of the product as specified for any individual application or use. Protection zones are to be used as a general guide. Actual product protection zones may differ.

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MKHC-0014

All products, product descriptions and performance scores are current as of **February 2021**. For current product information, please visit hexarmor.com, or call 1-877-MY ARMOR

