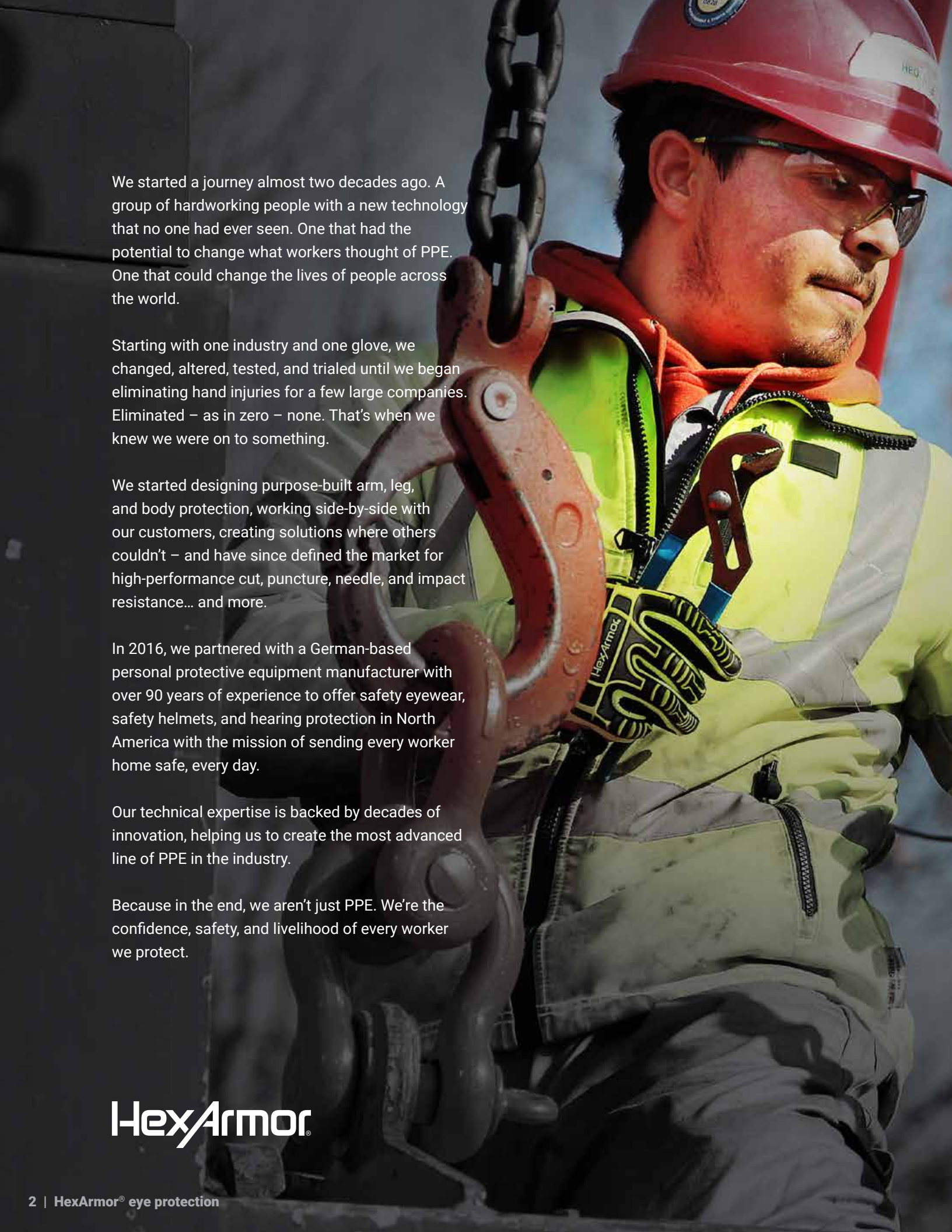


protecting people



HexArmor®
EYEWEAR



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 what workers thought of PPE. One that could change the lives of people across the world.

Starting 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 on to something.

We started designing purpose-built arm, leg, and body protection, working side-by-side with our customers, creating solutions where others couldn’t – and have since defined the market for high-performance cut, puncture, needle, and impact resistance... and more.

In 2016, we partnered with a German-based personal protective equipment manufacturer with over 90 years of experience to offer safety eyewear, safety helmets, and hearing protection in North America with the mission of sending every worker home safe, every day.

Our technical expertise is backed by decades of innovation, helping us to create the most advanced line of PPE in the industry.

Because in the end, we aren’t just PPE. We’re the confidence, safety, and livelihood of every worker we protect.

HexArmor

protecting people

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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.



Innovation



The most innovative eyewear in safety

World-class style and design. Industry-leading technology. In-house processes and manufacturing. This is what sets HexArmor® safety eyewear apart from the competition. Driven by 90+ years of German expertise from product design to the coating technology and frame manufacturing, you'll experience a purpose-driven safety product unlike any eyewear on the market – helping workers stay laser-focused on the task at hand, not on their eyewear.

Exclusive flow-coating application

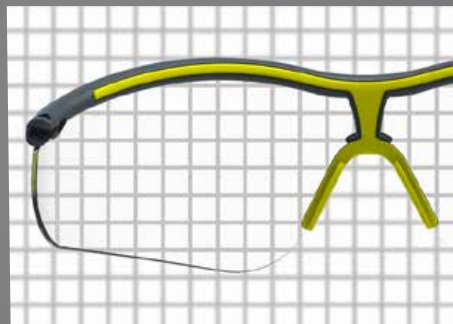
Profoundly different from the traditional dip-coating methods used by other safety eyewear brands, each TruShield® coating is applied to the lens one-side-at-a-time with HexArmor's signature flow-coating technology. Flow-coating allows each side of the lens to be coated with either a permanent anti-fog, a scratch-resistant hard coat, or a combination of both to give wearers specific protection where they need it the most.

This specialized dual-coating process is exclusive to HexArmor®, allowing fog- and scratch-resistance to be amplified individually to extreme levels or combined when needed, delivering safety defense where it's needed most. By comparison, dip-coating applies the same coating to both sides of the lens and can sacrifice the quality of one protective property over the other.



Edge-to-edge Optical Class 1 clarity

Proprietary LTX® Lens Technology with edge-to-edge Optical Class 1 clarity gives wearers as close to natural vision as possible for fewer headaches, eye fatigue, and strain. All lenses are manufactured in-house with 100% visual inspection throughout the production process to ensure that any deviation in optical quality can be immediately corrected.



HexArmor® lenses
(distortion-free)



Competitor lenses
(distorted view at lens edge)

Premium components

Starting with the manufacturing process, our proprietary dual- and triple-component injection molding technique blends hard and soft components on the sidearms, nose bridge, and brow guard of select models to give wearers the highest durability, comfort, and fit to date. Plus, we have full control over all our unique lens molds, ensuring premium quality at every step.



TruShield®

anti-fog coating technology

Safety glasses are designed to fit close to your head. The closer the fit, the less opportunity there is for dust, debris, and other hazards to get to your eye. Unfortunately, this close fit not only keeps hazards out but also traps moisture inside, causing fogging. Many safety eyewear brands have developed solutions for fogging, many of which work well - until you try to clean them.

HexArmor® changed this by using an entirely new concept; chemically engineered permanent anti-fog coatings that do not wash off over time, leaving you with unbeatable performance.

Hydrophobic vs. hydrophilic lens performance

Our fundamentally different TruShield® coatings outperform anything on the market due to HexArmor's chemically engineered anti-fog technology that 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. What's more, we apply each coating four times thicker than the competition, making the hydrophilic anti-fog properties even more robust, higher-absorbing, and better performing.

This is vastly different than competitive eyewear who use hydrophobic technology to eliminate fog, which causes moisture to spread as it hits the lens. 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.

Hydrophilic vs. Hydrophobic



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

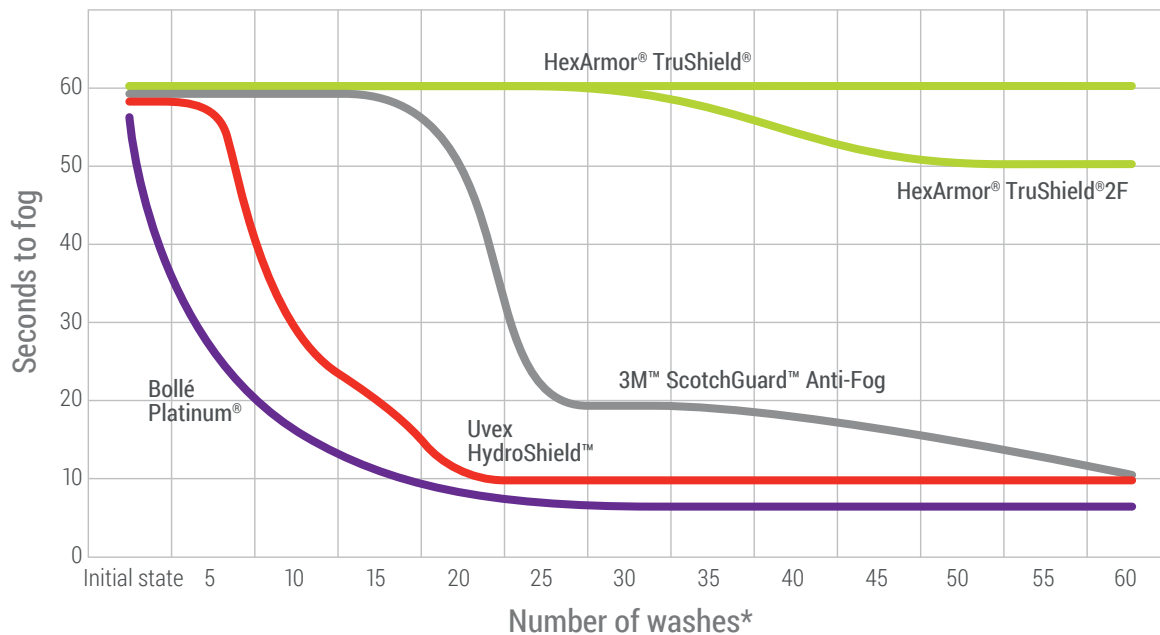


With **hydrophobic** coatings, moisture spreads across the lens, eliminating fog.

Unmatched cleanability

HexArmor's truly permanent anti-fog coatings have proven themselves again and again – staying true to their nature after countless cleanings, leading them to outperform and outlast even the toughest competitors – surpassing the ANSI/ISEA anti-fog standard for the lifetime of the eyewear. That's because HexArmor® uses nanotechnology to bond coatings and create the smoothest surface possible for the best possible cleaning.

As you can see in the chart below, 3M™ ScotchGuard™ Anti-Fog, Uvex HydroShield™, and Bollé Platinum® coatings, while effective initially, wash off over time. This is due to their chemically similar soap-based makeup.



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

Coatings

Flow-coating technology

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.



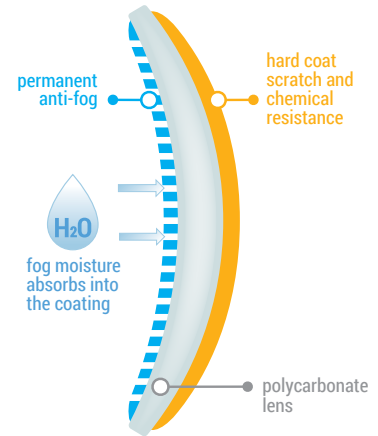
TruShield®

multipurpose

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

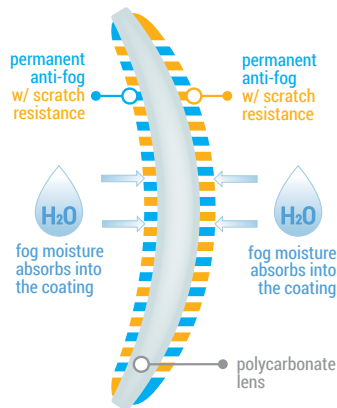
All HexArmor® coatings have four unique characteristics:

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



TruShield®2F

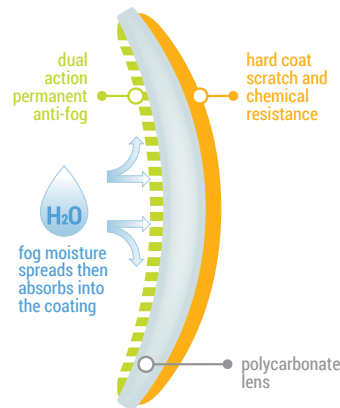
clean environments & hot-to-cold transitions



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

TruShield®S

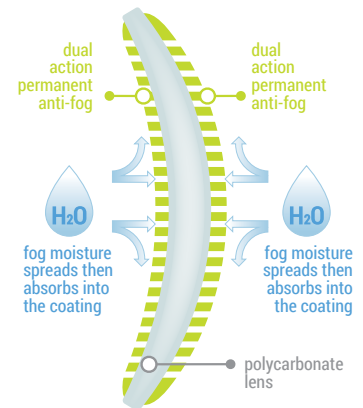
dirt & debris, severe interior fogging



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

continuous interior and exterior fogging



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



Grey

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

HexArmor® Grey tint 14% allows minimal light transmission without color distortion and helps to reduce eye strain and fatigue. Ideal for:

- 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



protecting people



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





“In 35 years, I’ve never seen anything like this. I am glad we finally found a product that does what it’s advertised to do.”

- Cheese Facility’s Safety Resource Analyst

Case study

HexArmor® solves fogging problem for large cheese manufacturer

The problem

Workers in a cheese manufacturing facility were having trouble with fogging on the inside of their lens from body heat. While they knew it was important to keep their safety eyewear on, their fogging eyewear made it nearly impossible to see. Inevitably they'd end up taking their eyewear off or putting it on top of their head, creating a safety and compliance issue.

The facility's current anti-fog safety eyewear solution, Uvex by Honeywell's HydroShield® would work right out of the box, but over time the anti-fog coating would diminish. The facility experienced similar results with anti-fog sprays and wipes.

While looking for a better solution, the safety resource analyst at the facility was introduced to HexArmor® Safety Eyewear through their PPE distributor.

The process

After working side-by-side with HexArmor® and their distributor, the facility decided to trial HexArmor's VS350 and LT300 safety goggles with TruShield®S coating. HexArmor's safety goggles were trialed head-to-head against 50 samples of Uvex by Honeywell's safety eyewear (with their HydroShield® anti-fog coating), the product they were currently using in their production facilities.

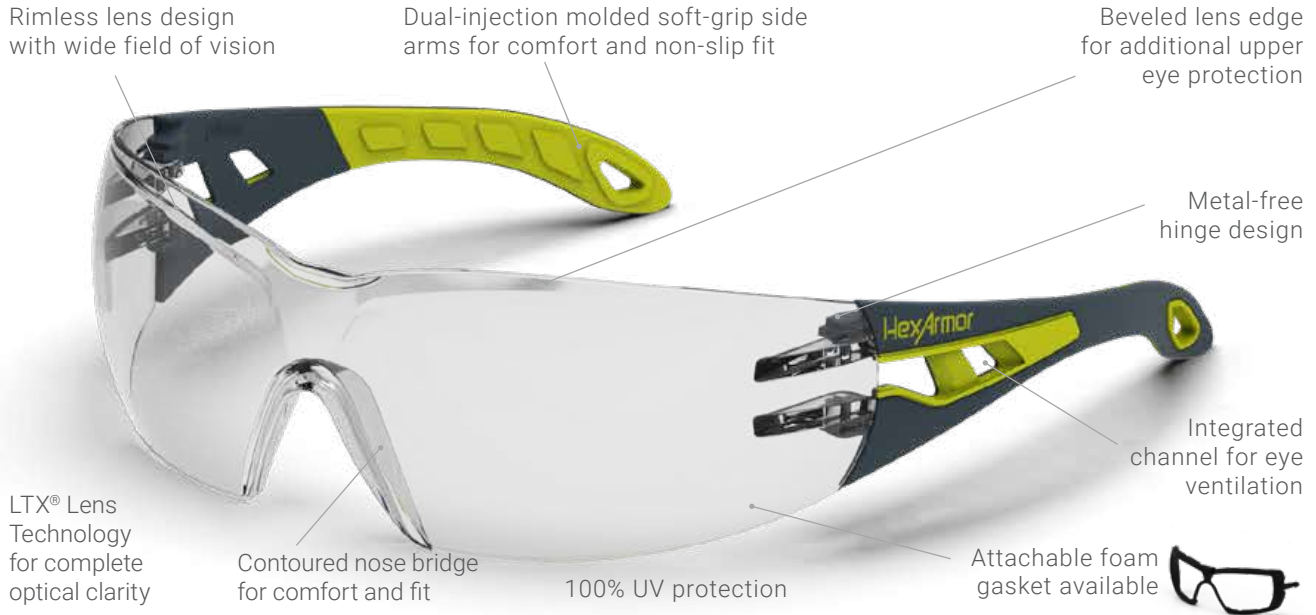
HexArmor's TruShield®S is ideal for environments with a high degree of dirt or debris and environments where body heat causes the interior of the lenses to fog. TruShield®S dual-coated lenses have a dual-action proprietary anti-fog coating on the interior of the lens and a scratch-resistant hard coat on the exterior of the lens.

The result

After completing the trial, the head-to-head results spoke for themselves. Workers who participated in the four months of testing "loved the HexArmor® safety goggles," stating they were "the best they have ever worn." Up until this point, the facility's fogging problem had remained unsolved. Now, after trialing with HexArmor®, all the cheese manufacturer's facilities have implemented HexArmor® safety eyewear.



HexArmor® Eyewear



MX200

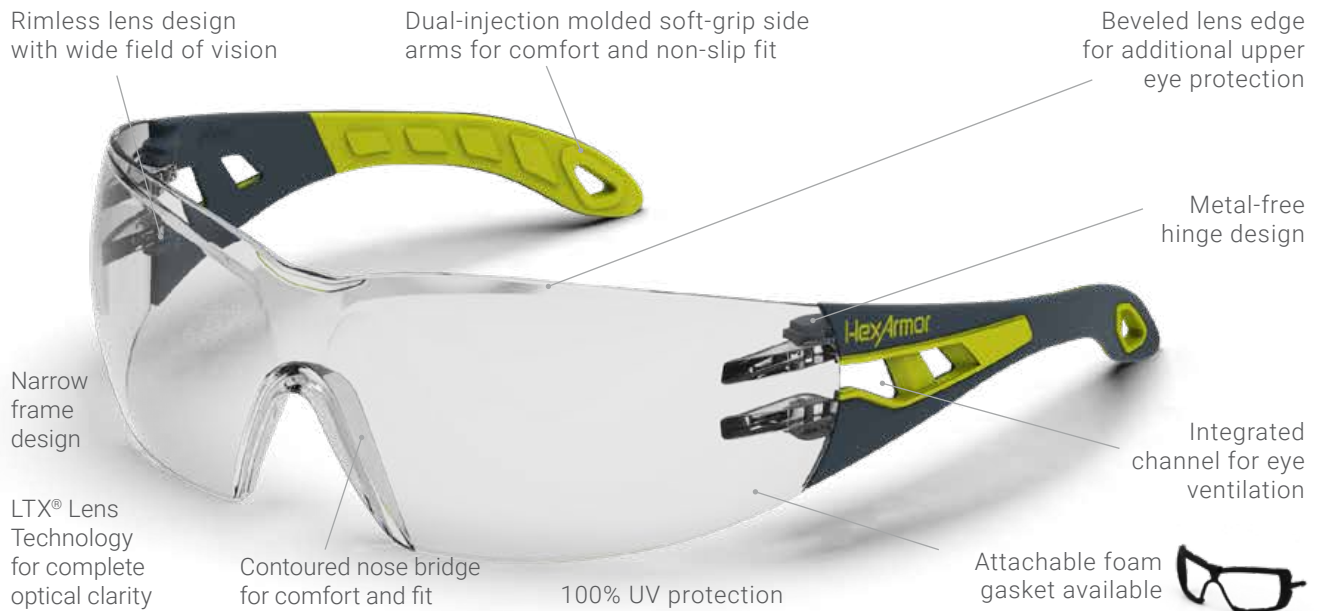
Modern style with wraparound lens design for maximum protection

The MX200 with permanent anti-fog coatings features a wraparound lens design that delivers maximum protection and a durable frame with a soft, low-pressure grip thanks to HexArmor's unique dual-injection mold technology.

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
Attachable Foam Gasket		14-10012



Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	



MX200S

Modern style with a narrow design for smaller fit

The MX200S delivers a slim design, ideal for those who need a narrower fit but still want the rimless, wraparound lens design. The MX200S delivers maximum protection plus high levels of durability and comfort thanks to HexArmor's unique dual-injection mold technology.

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 Gasket		14-10013



Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear



MX200G

Modern style with a detachable gasket and head strap for added protection

The dust and debris in your eyes stops here: introducing the MX200G with permanent anti-fog coatings. Featuring a wide-vision lens design with a removable inner foam gasket and washable snap-in head strap for comfortable, sealed protection from dust and debris.



Lens	Coating	Part Number
Clear	TruShield®S	11-12001-04
Clear	TruShield®2SF	11-12002-05
Grey 23%	TruShield®S	11-12003-04
Replacement Foam Gasket		14-10012



Ships as Kit

Standards	Case Quantities
ANSI Z87.1-2020	10 pair per inner pack
High Impact Rated Z87+	160 per case
CE EN166	
CSA Z94.3	

Panoramic lens for wide field of vision

Dual-injection molded low-profile soft-grip side arms for a slip-free, stable fit

Built-in brow guard

Metal-free hinge design

Lightweight, durable construction

LTX® Lens Technology for complete optical clarity

Contoured nose bridge for comfort and fit

100% UV protection

MX250

Sharp, modern style with panoramic design

The perfect blend of style, comfort, and performance: the MX250 with permanent anti-fog coatings.

Featuring a panoramic lens for great lateral vision, dual-component soft grip side arms, and a durable lightweight design.

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
Variomatic	TruShield®	11-14005-08
Variomatic Dark	TruShield®	11-14006-08



Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear

Modern wraparound style offers wide field of vision

Dual-injection molded soft-grip side arms for slip-free, stable fit

Innovative brow guard provides additional protection from flying particles, dirt, or dust

LTX® Lens Technology for complete optical clarity

Soft nose piece for comfortable yet durable fit

100% UV protection

Metal-free hinge design

Integrated channel for eye ventilation



MX300

Sleek, modern style with maximum protection and comfort

The MX300 with permanent anti-fog coatings features a modern wraparound style, wide-vision lens, and an integrated soft brow guard and nose piece for ultimate protection and Wearability.®

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



Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

D3/D4 Liquid splash protection with mixed ventilation (direct/indirect)

Fully adjustable head strap offers secure, pressure-free comfort

Innovative brow guard provides additional protection from flying particles, dirt or dust

LTX® Lens Technology for complete optical clarity

Soft nose piece for comfortable and secure fit

Soft seal frame technology adapts to face for customized fit

100% UV protection

MX350

Lightweight safety eyewear with head strap for added protection and maximum comfort

MX350 with permanent anti-fog coating. Featuring a wide-vision lens design with soft seal frame technology for a customized fit. A fully adjustable head strap offers pressure-free comfort and protection from dust and debris.

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



Available with gas-resistant neoprene strap



Clear

Grey 23%

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	
D3/D4 Liquid Splash Rated	

HexArmor® Eyewear



MX500

Maximum-coverage goggle

The MX500 is a Comfortable, maximum-coverage goggle featuring innovative panoramic lens design delivers unrestricted wide field of vision and increased perception that can be worn over prescription glasses.

Lens	Coating	Strap	Part Number
Clear	TruShield®	Cloth	12-12001-02
Grey 23%	TruShield®	Cloth	12-12002-02



Standards	Case Quantities
ANSI Z87.1-2020	4 pair per inner pack
High Impact Rated Z87+	64 per case
CE EN166	
CSA Z94.3	
D3/D4 Liquid Splash Rated	

Lightweight (23 grams)

Soft, non-slip, adaptive side arms for optimum comfort

Contoured lens delivers a wide field of vision

LTX® Lens Technology for complete optical clarity

Extra soft, adjustable nose piece provides a comfortable and customized fit

100% UV protection



VS250

Distinct close-fitting design with lightweight feel

The VS250 with permanent anti-fog coatings looks and fits like your favorite pair of sunglasses. The VS250 features a streamlined, close-fitting design with a low-pressure yet stable fit that is ideal for extended periods of wear.



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®S	11-15005-08
CBR65®	TruShield®S	11-15006-04
Grey 14%	TruShield®2SF	11-15007-05
Variomatic Dark	TruShield®S	11-15008-08
Silver Mirror 12%	Anti-fog inside	11-15009-06

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear

Triple-injection molded hard and soft components

Flexible side arms with seven inclination levels

Brow guard provides protection from flying particles, dirt, or dust

Metal-free

Soft ear pieces guarantee a stable and low-pressure fit

LTX® Lens Technology for complete optical clarity

Soft flex nose loops ensure even weight distribution on nose bridge

100% UV protection

Attachable foam gasket available



VS300

Tri-component design paired with innovative features

The innovative VS300 with permanent anti-fog coatings gives you every luxury safety eyewear has to offer. These premium safety glasses feature seven side arm inclination levels, soft nose loops, an integrated brow guard, and soft ear pieces for a truly custom fit.

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
Grey 23%	TruShield®	11-19007-02
Attachable Foam Gasket		14-10019



Clear



Variomatic



Variomatic Dark



Grey 23%

Standards

ANSI Z87.1-2020
High Impact Rated Z87+
CE EN166
CSA Z94.3*

*With exception of Add+1.0 and Add+2.0

Case Quantities

12 pair per inner pack
192 per case
*Clear Add+1.0 and Add+2.0 have 10 pair per case and 160 per carton

Triple-injection molded hard and soft components

Flexible side arms with seven inclination levels

Brow guard provides protection from flying particles, dirt, or dust

Metal-free

Soft ear pieces guarantee a stable and low-pressure fit

LTX® Lens Technology for complete optical clarity

Soft flex nose loops ensure even weight distribution on nose bridge

100% UV protection

Attachable foam gasket available



VS300S

Tri-component design paired with innovative features and a narrow frame for a smaller fit

The innovative VS300S with permanent anti-fog coatings gives you every luxury safety eyewear has to offer with a slimmer fit. These premium safety glasses feature seven side arm inclination levels, soft nose loops, an integrated brow guard, and soft ear pieces for a truly custom fit.

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



Clear

Grey 23%

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear

Triple-injection molded hard and soft components

Flexible side arms with 7 inclination levels

LTX® Lens Technology for premium optical clarity

Soft flex nose loops ensure even weight distribution on nose bridge

100% UV protection

Replaceable foam gasket

Soft ear pieces guarantee a stable and low pressure fit



VS300G

Tri-component design paired with innovative features and a replaceable foam gasket

The innovative VS300G with permanent anti-fog coatings gives you every luxury safety eyewear has to offer. Inner foam gasket provides comfortable, sealed protection from dust and debris. These premium safety glasses feature seven side arm inclination levels, soft nose loops, an integrated brow guard, and soft ear pieces for a truly custom fit.



Clear

Grey 23%

Variomatic

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

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

Triple-injection molded hard and soft components

Flexible side arms with 7 inclination levels

LTX® Lens Technology for premium optical clarity

Soft flex nose loops ensure even weight distribution on nose bridge

100% UV protection

Replaceable foam gasket

Soft ear pieces guarantee a stable and low pressure fit



VS300SG

Tri-component design paired with innovative features, a replaceable foam gasket, and a narrow frame for a smaller fit

The innovative VS300SG with permanent anti-fog coatings gives you every luxury safety eyewear has to offer with a slimmer fit. Inner foam gasket provides comfortable, sealed protection from dust and debris. These premium safety glasses feature seven side arm inclination levels, soft nose loops, an integrated brow guard, and soft ear pieces for a truly custom fit.



Clear

Grey 23%

Lens	Coating	Part Number
Clear	TruShield®	11-27001-02
Grey 23%	TruShield®	11-27002-02
Replaceable Foam Gasket		14-10019

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear

Compact design for compatibility with other PPE

Wide adjustable head strap for a secure, pressure-free fit

Liquid splash resistant

Soft seal frame technology adapts to face for a customized fit

LTX® Lens Technology for complete optical clarity

Indirect ventilation system

Low-profile, wraparound adaptive design fits a wide range of facial shapes

100% UV protection



VS350

Lightweight, compact goggle design that adapts to any face shape

The VS350 is a wide-vision, compact safety goggle that offers ultimate lightweight protection and Wearability®. With permanent anti-fog coatings, the VS350 stays safe and comfortable during extended periods of wear.

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 Cover			14-10016



Clear



Grey 23%



Goggle Cover

Standards

ANSI Z87.1-2020
High Impact Rated Z87+
CE EN166
CSA Z94.3
D3/D4 Liquid Splash Rated

Case Quantities

5 pair per inner pack
80 per case

3 inclination side arms that extend and retract for maximum adaptability

Extended soft brow guard to help block dirt, dust, and sweat

Flexible side arms with 3 inclination levels

LTX® Lens Technology for premium optical clarity

Soft nose piece for added comfort and a non-slip fit

100% UV protection

Extended lens for added protection without restricting peripheral vision

Premium metal-free hinge design

VS450

Our most universal, superior piece of eyewear

Dynamic, modern frame designed to adjust and adapt to all face shapes and sizes; our most universal, superior piece of eyewear

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



Clear



Grey 23%

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	

3 inclination side arms that extend and retract for maximum adaptability

Extended soft brow guard to help block dirt, dust, and sweat

Flexible side arms with 3 inclination levels



LTX® Lens Technology for premium optical clarity

Soft nose piece for added comfort and a non-slip fit

Removable soft TPE gasket

Extended lens for added protection without restricting peripheral vision

Premium metal-free hinge design

100% UV protection

VS450G

Our most universal, superior piece of eyewear with an added TPE gasket

Dynamic, modern frame designed to adjust and adapt to all face shapes and sizes; our most universal, superior piece of eyewear with a removable TPE gasket.

Lens	Coating	Part Number
Clear	TruShield®	11-30001-02
Grey 23%	TruShield®	11-30002-02



Clear

Grey 23%

Standards	Case Quantities
ANSI Z87.1-2020	10 pair per inner pack
High Impact Rated Z87+	160 per case
CE EN166	

HexArmor® Eyewear

Dual-injection molded soft and hard components ensure a secure, pressure-free fit

Adaptive, flexible side arms with three inclinations to fit most face shapes

Panoramic lens with integrated side protectors and brow guard for total coverage and protection



Side arms fold flat for easy storage

LTX® Lens Technology for complete optical clarity

Contoured nose bridge for comfort and fit

100% UV protection

LT200

Traditional design with innovative features for maximum comfort and protection

Featuring innovative adaptive technology, a wide panoramic lens with side protection, and soft flexible side arms, the LT200 ensures maximum wearer acceptance.

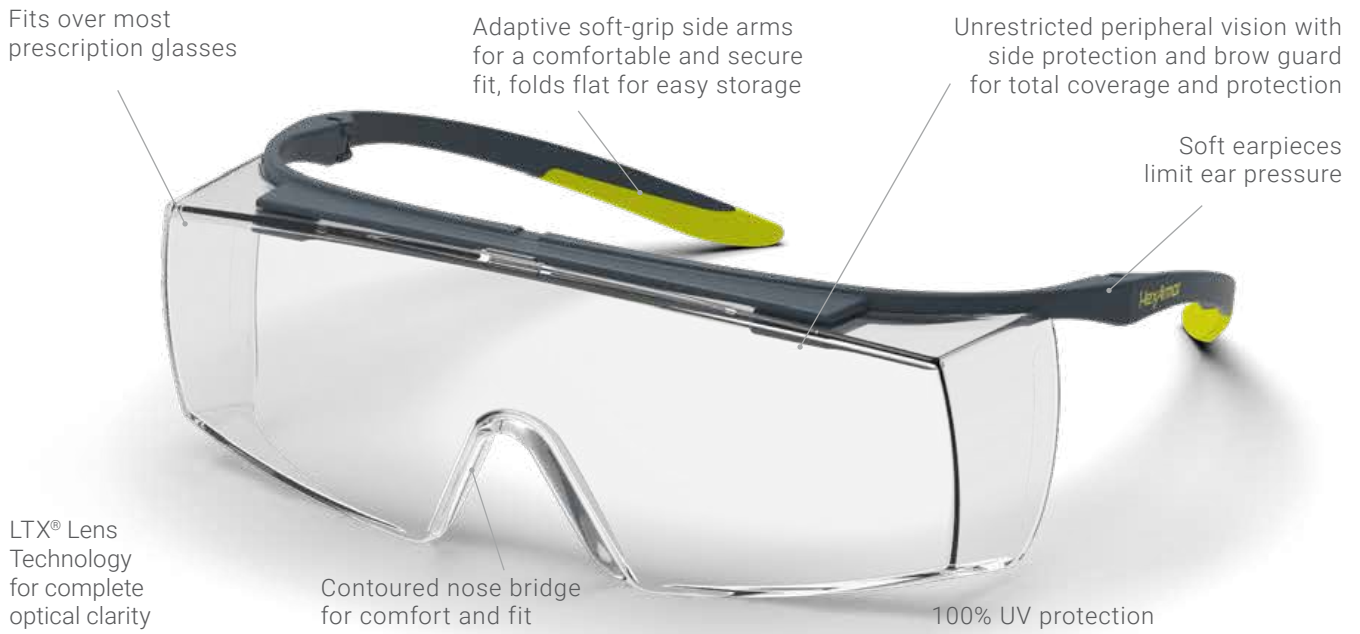
Lens	Coating	Part Number
Grey 23%	TruShield®	11-16004-02

Limited availability



Grey 23%

Standards	Case Quantities
ANSI Z87.1-2020	10 pair per inner pack
High Impact Rated Z87+	160 per case
CE EN166	
CSA Z94.3	



LT250

Over-the-glasses design that offers panoramic view and a secure fit

The LT250 with permanent anti-fog coatings feature over-the-glasses (OTG) maximum protection, unrestricted peripheral vision, and high-comfort safety.

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



Clear

Grey 23%

Variomatic

Standards	Case Quantities
ANSI Z87.1-2020	10 pair per inner pack
High Impact Rated Z87+	160 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear



LT300

Comfortable, full-coverage goggle design that can be worn over prescription glasses

The LT300 goggle features a durable, complete-coverage soft seal with an indirect channel ventilation system that safeguards against liquids, dirt, and debris.

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
Grey 23%	TruShield®	Gas Resistant Neoprene	12-10005-02*
Clear	TruShield®2SF	Gas Resistant Neoprene	12-10007-05
Flip-Up Shade			14-10015
Goggle Cover			14-10016

*Limited availability



Standards	Case Quantities
ANSI Z87.1-2020	4 pair per inner pack
High Impact Rated Z87+	64 per case
CE EN166	
CSA Z94.3	
D3/D4 Liquid Splash Rated	

Rimless lens design with wide field of vision

Panoramic lens with integrated side protectors and brow guard for total coverage and protection

Premium metal-free hinge design

Innovative lens geometry and side arms ensures a close fit for most face shapes

LTX® Lens Technology for premium optical clarity

Lightweight (only 23 grams)

100% UV protection

LT400

Sleek frame designed to contour around multiple face shapes for a comfortable, slip-free fit

The LT400 gives you lightweight protection with the style and comfort needed for all-day wear. Innovative lens geometry and side arms ensures a close fit for most face shapes



Clear

Grey 23%

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

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear

Rimless lens design
with wide field of vision

Panoramic lens with
integrated side protectors
and brow guard for total
coverage and protection

Premium metal-free
hinge design

Innovative lens
geometry and side arms
ensures a close fit for
most face shapes

LTX® Lens
Technology
for premium
optical clarity

Lightweight (only 23 grams)

Foam gasket

100% UV protection



LT400G

Sleek frame designed to contour around multiple face shapes for a comfortable, slip-free fit with a foam gasket

The LT400G gives you lightweight protection with the style and comfort needed for all-day wear. Innovative lens geometry and side arms ensures a close fit for most face shapes. Inner foam gasket provides comfortable, sealed protection from dust and debris.

Lens	Coating	Part Number
Clear	TruShield®	11-28001-02
Grey 23%	TruShield®	11-28002-02
Clear	TruShield®2SF	11-28003-05



Clear

Grey 23%

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

Rimless lens design with wide field of vision

Dual-injection molded soft-grip side arms for comfort and non-slip fit

Panoramic lens with integrated side protectors and brow guard for total coverage and protection

Premium metal-free hinge design

LTX® Lens Technology for premium optical clarity

Soft nose piece for comfortable and secure fit

100% UV protection

Limited quantities available with adjustable comfort sliders



LT450

Sleek premium frame designed to contour around multiple face shapes for a comfortable, slip-free fit

The LT450 gives you lightweight protection with the style and comfort needed for all-day wear. Innovative lens geometry and flexible side arms ensures a custom fit.

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



Clear

Grey 23%

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

HexArmor® Eyewear

Rimless lens design with wide field of vision

Dual-injection molded soft-grip side arms for comfort and non-slip fit

Panoramic lens with integrated side protectors and brow guard for total coverage and protection

Premium metal-free hinge design

LTX® Lens Technology for premium optical clarity

Soft nose piece for comfortable and secure fit

100% UV protection

Foam gasket

LT450G

Sleek premium frame designed to contour around multiple face shapes for a comfortable, slip-free fit with a foam gasket

The LT450G gives you lightweight protection with the style and comfort needed for all-day wear. Innovative lens geometry and flexible side arms ensures a custom fit. Inner foam gasket provides comfortable, sealed protection from dust and debris.



Clear

Grey 23%

Lens	Coating	Part Number
Clear	TruShield®	11-29001-02
Grey 23%	TruShield®	11-29002-02

Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

Dual-injection molded soft-grip side arms for comfort and non-slip fit

Premium metal-free hinge design

LTX® Lens Technology for premium optical clarity

Soft nose piece for added comfort and a non-slip fit

Extended lens for added protection without restricting peripheral vision

100% UV protection

X1

Sleek, lifestyle frame designed to contour around multiple face shapes and sizes for a comfortable fit

X1 keeps pace with your active lifestyle by featuring a sharp, low-profile frame with wide-angled lenses and soft-grip components to ensure optimal fit, comfort, and protection both on and off the job.

Lens	Coating	Part Number
Clear	TruShield®	11-31001-02
Grey 23%	TruShield®	11-31002-02
Grey 12%	TruShield®	11-31003-02



Clear

Grey 23%

Grey 12%

Standards	Case Quantities
ANSI Z87.1-2020 High Impact Rated Z87+ CE EN166 CSA Z94.3	12 pair per inner pack 192 per case

Dual-injection molded soft-grip side arms for comfort and non-slip fit

Foam gasket blocks out dirt, dust and debris

Premium metal-free hinge design

LTX® Lens Technology for premium optical clarity

Soft nose piece for added comfort and a non-slip fit

Removable foam gasket

Extended lens for added protection without restricting peripheral vision

100% UV protection

X1G

Sleek, lifestyle frame with a removable foam gasket designed to contour around multiple face shapes and sizes for a comfortable fit

X1 keeps pace with your active lifestyle by featuring a sharp, low-profile frame with wide-angled lenses and soft-grip components to ensure optimal fit, comfort, and protection both on and off the job. Inner foam gasket provides comfortable, sealed protection from dust and debris.

Lens	Coating	Part Number
Clear	TruShield®	11-32001-02
Grey 23%	TruShield®	11-32002-02



Clear

Grey 23%

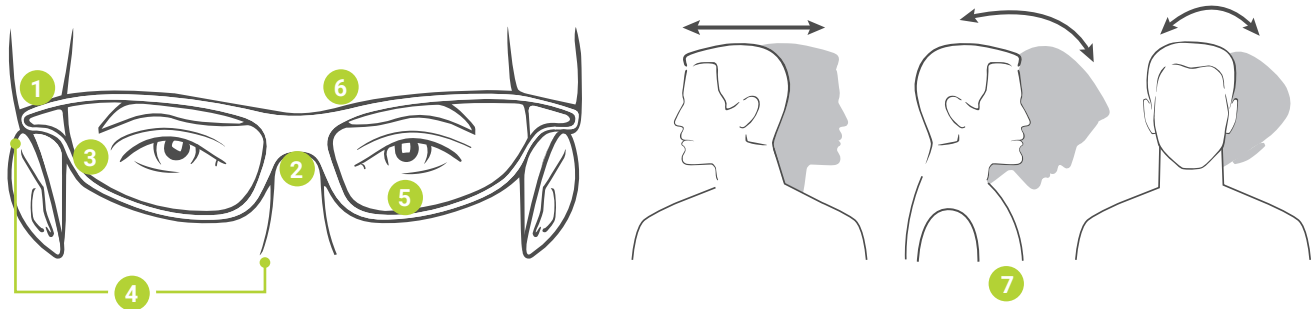
Standards	Case Quantities
ANSI Z87.1-2020	12 pair per inner pack
High Impact Rated Z87+	192 per case
CE EN166	
CSA Z94.3	

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.



Case study

A safety eyewear win-win: Improving compliance and a lumber mill's bottom line

Many companies understand how important employee safety is, but still struggle with the balance between providing proper PPE and keeping costs down. For procurement departments, it's all about measuring the cost versus the benefit of providing proper protection. But what ends up being pricier - PPE that properly protects? Or "saving money" up front and hoping that employees won't have any injuries resulting in expenses and lost time?

The problem

A lumber manufacturer's safety manager, Ricky, was experiencing compliance issues with his employees when it came to wearing their safety eyewear. Workers were either removing their eyewear throughout the day because it was uncomfortable or fogging or they weren't wearing it at all. Unsurprisingly, this created a greater risk of employees getting dirt, debris, and sawdust in their eyes. Ricky knew they needed to improve their eye safety program but wasn't sure where to start, so he invited HexArmor® to talk through some possible solutions.

The process

After learning about the lumber manufacturer's challenges, HexArmor® suggested a trial with eyewear featuring TruShield® anti-fog/anti-scratch coating. TruShield® was chosen because workers were experiencing fogging on the inside of their lenses from body heat, and scratched lenses because of improper cleaning and the dirt and sawdust that was flying around.

The overall feedback from the initial trials was extremely positive. Employees expressed that HexArmor® safety eyewear was much more comfortable than their previous PPE and eliminated almost all their fogging issues. The compliance problem was solved; employees were keeping their eyewear where it needed to be – in front of their eyes. As happy as Ricky was with the results, he was nervous about approaching the purchasing manager and proposing that they spend two to three times the cost on new eyewear, for fear that employees wouldn't take good care of them.

The result

HexArmor® understood and listened to Ricky's concerns and proposed a cost and use analysis (cost per day) to compare what the lumber mill employees were currently wearing with the HexArmor® safety eyewear they were interested in using. The goal was to see if the longevity and performance of HexArmor® eyewear could justify the cost of the offering.

What they found was compelling. Their current eyewear was only lasting them 12 days, while HexArmor® eyewear was lasting an average of 35-40 days. The ultimate finding? Switching to HexArmor® eyewear would cost them nothing over and above what they were currently spending in terms of cost per day, and they'd be saving money from their employees remaining compliant allowing them to avoid direct and indirect injury costs. Additionally, they'd experience an overall boost in employee morale because of more comfortable, higher-performing eyewear. After three months of use, only a few pairs were replaced – well above the 40-day target goal. Overall, it was a win-win for safety, compliance, and the company's bottom line.

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

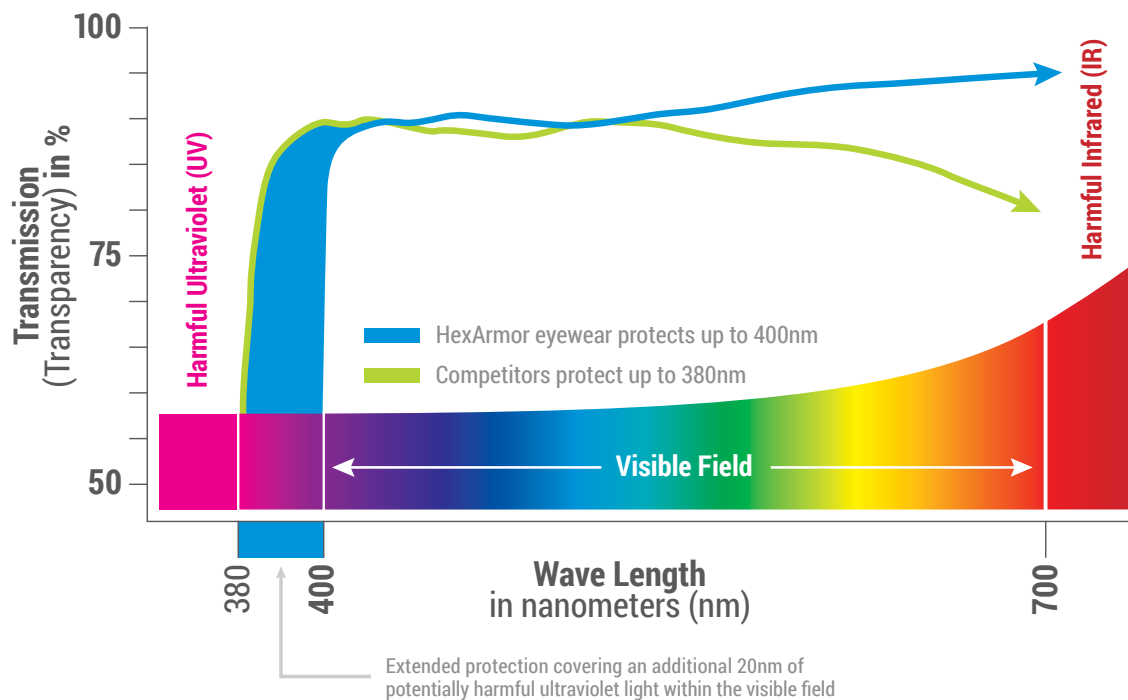
Optical Quality
UV Protection
Impact Strength (45/120m/s)
Splash
Dust
Scattered Light (filters)
Ignition
Lens Filters
Extreme Temperatures
UV Resistance
Scratch Resistance
Anti-Fog

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

Ultraviolet (UV) protection comparison

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.



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)



Flip-up shade

14-10015 (LT300)



Goggle cover

14-10016



Microfiber pouch

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



Lanyard

14-10017

How to care for your eyewear

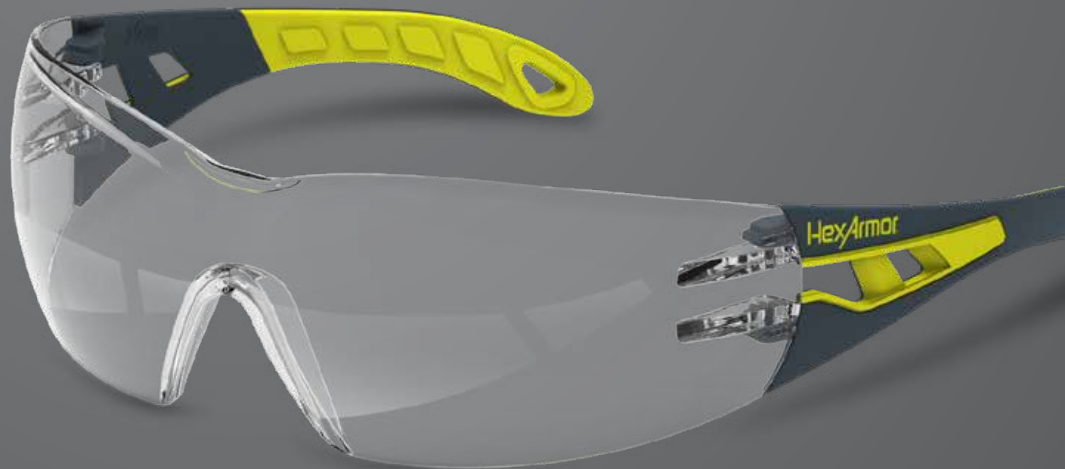
The number one cause for scratched or underperforming safety eyewear lenses is improper cleaning. Incorrect handling and storage can also cause unnecessary damage to lenses.

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

- 1** Lightly blow off any loose dirt or debris from your lenses.
- 2** Rinse your lenses with cool water. HexArmor® eyewear is engineered to have excess dirt cleanly wash off the lens without sticking.
- 3** At your HexArmor® cleaning station, spray the cleaning solution directly onto the lenses.
- 4** Use a lens-safe tissue (provided at the HexArmor® cleaning station) to dry and wipe clean.
- 5** 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.

Eyewear customization

Take your team's safety eyewear to the next level by adding corporate customization. HexArmor® offers several options to make your company's eyewear stand out – from printing your logo on the side arms to choosing frames in your company colors.

Frames in your company colors: Make your safety eyewear immediately recognizable by designing frames that incorporate your company colors.

Company name or logo on side arms: Add your company name to the soft components of the side arms for a subtle yet professional look. Or, include your logo in color on the side arms for a distinct, unmistakable corporate identity (pad printing, up to four colors).

Headband embroidery: Customize your safety eyewear by having your corporate logo embroidered on the headband.

Laser engraving on lens: Laser engrave your company name or the names of your team members on the bottom of the lens. Lenses will retain 100% of their functionality even with customized laser engraving.



Interested in customization but unsure what would be best for your company? We're happy to advise you on the right options for your protective eyewear. Minimums required on all customization options. Please contact your safety solutions specialist for more information.



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

Protective devices do not provide unlimited protection. Some operations may require machine guards, face shields, special filter Lenses, or other safety equipment. Safety eyewear does not provide complete protection against hazards, and should only be used in conjunction with the prescribed safety equipment for the application as well as defined safety practices. User shall be exclusively responsible for assessing the suitability of the product as specified for any individual application or use.

Protected by patents and patents pending.
MKHC-0026

All products, product descriptions and performance scores are current as of **April 2022**.
For current product information, please visit hexarmor.com, or call 1-877-MY ARMOR

