Revolutionary anti-fog technology and wearability:
The keys to compliance, reduced eye injuries, and cost savings.

Dave Gelpke, QSSP
The way it is – The US market

In general, a worker is injured every 7 seconds in the U.S. alone

$350,000,000
The amount spent on eyewear each year in the US

2,000
the number of eye injuries that send people to the emergency room every year:
-33% hospitalized
-5% result in lost time

$1,463
Average cost of an eye injury—could be up to $40,000
And then there’s the effect on productivity

- BLS/OSHA

- BLS

- ISEA Estimates
90% of injuries could be prevented with proper eyewear. Where is the disconnect?

- **Fogging** results in eyewear on top of the head, low on the nose, or off completely
- Pressure points behind ears creates discomfort and headaches
- Incompatibility with other PPE
- Inadequate tints or no tint at all causing visual hazards
- Poor fit resulting in eyewear falling down or shifting
- Gaps creating an entry point for dirt, dust, and debris
HexArmor safety eyewear was developed as a natural extension of the face. The perfect balance of comfort, fit, performance and style.
Building Blocks of Wearability

Ultimate Goal = Compliance

Choice Matters
(one size does not fit all)

Vision Quality
- Good peripheral vision; void of headaches, fatigue; no fogging

Protection
- Keeps me safe, is the right eyewear for what I do, the tools I use and the environment I am in

Comfort
- Lightweight, no pressure point on no bridge; wear all day

Fit
- Proper fit around eyes; limited gaps; no pressure around temples

Balance/stability
- Proper fit, stays in place, does not slip or become a hazard

Range
- Coatings for all environments; anti-fog on every lens; tints that do not mask color recognition; multiple lens shapes, specialty (e.g., AR)

PPE compatibility
- Does not compete for space or adversely impact any PPE

Style
- Likeability of PPE; we feel confident; we feel good and look great in

Choice Matters
- Multiple applications and workplace conditions
- Style preference ownership
- Fit
- Optical comfort
- Compatibility with other PPE
- Meets, exceeds standards
The HexArmor Difference: Anti-Fog Technology

Hydrophilic vs Hydrophobic: [https://hexarmor.wistia.com/medias/9z52q2lbwk#](https://hexarmor.wistia.com/medias/9z52q2lbwk#)

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

With hydrophobic coatings, moisture spreads across the lens, eliminating fog.
The HexArmor Range

A wide range – spanning sealed goggle to open specs. Performance, functionality and style all with the same embedded technology and designs to fit all wearers.

- 100% ANSI Z87.1 and EN166 compliant
- Dual injection molded process combines hard and soft components
- Adaptive arm technology ensures comfort secure fit without irritation.
- Hypoallergenic materials prevent skin irritations
Thank You!

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