Introducing...fX3 Premium Anti-Fog!



The fX3™ Advantage

SUPERIOR ANTI-FOG PERFORMANCE.

Engineered with an innovative solution that fights fog better than current alternatives.

LONGER-LASTING EFFECTIVENESS.

Adheres longer than water-based coatings, and stands up to multiple lens cleanings.

GREATER SCRATCH RESISTANCE.

Stands up to scratching eight times better than standard anti-fog coatings.

Overview: The Problem with Fog

Lenses fog due to changes in temperature, when small pockets of moisture condense on the lens, causing a hazy-white fog to form.

Foggy lenses are a major complaint from workers regarding safety eyewear and a frequent reason for non-compliance.

Workers who remove their safety eyewear to wipe fogged lenses expose themselves to serious eye injury.

Evolution of fX3: 3rd Generation Anti-Fog

<u>Generation 1: Diluted Sprays.</u> Some manufacturers claiming "antifog" lenses are using watered down solutions that are simply sprayed onto one side of the lens. This saves cost, but does not typically provide strong resistance to fogging.

<u>Generation 2: fX2 Anti-Fog.</u> Gateway Safety's high-quality anti-fog solution available in most eyewear product styles. fX2 is applied by dipping our lenses to coat both sides, and fX2 is not watered down.

<u>Generation 3: fX3 Premium Anti-Fog.</u> Realizing a need for better anti-fog performance exists for certain workers wearing eye protection, Gateway Safety introduces fX3, a superior anti-fog solution that provides a powerful resistance to fogging in humid environments.





Testing & Performance

fX3 premium anti-fog has been tested in accordance with the European standard for anti-fog (EN 166). Test products were also subjected to steam, cleaning, adhesion and wipe tests for extended periods to simulate humid working conditions.

| | Generation 1 COMPETITOR'S AF PRODUCT | Generation 2 fX2 ANTI-FOG | Generation 3 fX3 PREMIUM ANTI-FOG |
|--|--------------------------------------|------------------------------|--------------------------------------|
| EN166 N TEST (8 seconds) | 1-2 seconds | 3-6 seconds | Over 60 seconds |
| STEAM TEST (30 minutes) | Fogged after 1 minute | No fogging | No fogging |
| CLEANING TEST (15 ultrasonic lens cleanings) | Lasted 1 cleaning | Lasted 6 cleanings | Lasted 15 cleanings |
| ADHESION TEST (50 hours) | Coating completely peeled off | Coating slightly peeled off | Coating still adhered to lens |
| WIPE TEST (30 wipes) | Fogged after 1-2 wipes | Fogged after 7 wipes | After 30 wipes, no fogging |

Products Featuring fX3 Premium Anti-Fog

StarLite®

The original, industry-leading style in safety eyewear.



| Part # | Product Description | Std Pkg |
|--------|---|---------|
| 46X9 | Clear Temples/Clear fX3 Premium Anti-Fog Lens | 10/box |
| 46X8 | Gray Temples/Gray fX3 Premium Anti-Fog Lens | 10/box |

Conqueror®

Sleek, modern style with ergonomic temple tips and breakaway retainer.





| Part # | Product Description | |
|--------|---|--------|
| 28GBX9 | Black Frame/Clear fX3 Premium Anti-Fog Lens | 10/box |
| 28USX9 | NEW! Old Glory Camo Frame/Clear fX3 Premium Anti-Fog Lens | 10/box |
| 28USX8 | NEW! Old Glory Camo Frame/Gray fX3 Premium Anti-Fog Lens | 10/box |

Swap®

Hybrid safety eyewear that can be worn with temples or a strap, with a soft foam lining.



| Part # | Product Description | Std Pkg |
|--------|---|---------|
| 21GBX9 | Black Frame/Foam Edge/Clear fX3 Premium Anti-Fog Lens | 10/box |
| 21GBX8 | Black Frame/Foam Edge/Gray fX3 Premium Anti-Fog Lens | 10/box |

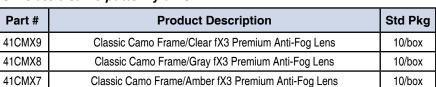
Ellipse™ (NEW!!)

Revolutionary, lightweight design, with elongated temples that gently hug the head.

| Part # | Product Description | Std Pkg |
|--------|--|---------|
| 20GYX9 | Gray Temples/Clear fX3 Premium Anti-Fog Lens | 10/box |
| 20GYX8 | Gray Temples/Gray fX3 Premium Anti-Fog Lens | 10/box |

4x4® Camo (NEW!!)

Rugged, full-frame safety eyewear now in the new Classic Camo pattern frame.





Do Your Safety Glasses Meet the Standards?

All Gateway Safety products featuring fX3 premium anti-fog are independently tested and certified by UL to meet ANSI Z87+ and CSA Z94.3 standards.

These products also meet the US Military ballistics requirement in MIL PRF 32432 (GL) and provide 99.9% UV-A, B & C protection.









