LENS SELECTION: Anti-Fog Options Can Help with Compliance

Selecting the right lens option is one of the more important decisions that companies make when deciding on an eye protection device that's appropriate for their workers. In most cases, it's more than just ornamental, with each lens option serving a specific function. Choosing the most appropriate lens type can significantly affect field of vision and impact worker compliance.

Perhaps one of the most common complaints about eyewear lenses, especially during the summer, is fogging. Workers who are moving from indoors to out, or when the temperature changes in an environment and humidity goes up, fogging can be a major issue…and more dangerous than it appears. While a worker's safety eyewear may meet and exceed the standards for impact protection, they aren't protecting anything if the worker is removing his/her glasses to wipe away the fog.

Depending on the environment, no lens – anti-fog or not – promises 100% effectiveness. However, those with an extra anti-fog coating will help to reduce the fogging element, increasing visibility and reducing the chances your workers are removing them. Other aspects of safety glasses can help in hot or humid environments. Foam lining around the top of the lens can absorb extra perspiration, preventing sweat from dripping into a worker's eyes. Extra venting channels that allow some air to escape can also help reduce fog.

In addition to anti-fog, certain lens colors are useful for specific applications. The lens selection chart on the next page helps to explain some of these lens color differences.

Swap™ Safety Eyewear by Gateway Safety

Gateway Safety's Swap™ safety eyewear can be easily switched from spectacle to goggle by exchanging the temples and head strap with a simple snap. The Swap frame is fully lined with soft, smooth foam that blocks dust and debris. Venting channels minimize fogging and help maintain a clear field of vision. Swap is available in Clear and Clear Anti-Fog for most indoor applications; Gray Anti-Fog and Blue Mirror Anti-Fog to minimize strong sunlight and brightness in outdoor applications; and Clear In/Out Mirror Anti-Fog for varying light conditions. Gateway Safety's Swap has been UL certified to meet ANSI Z87.1+ and offers 99.9% UVA, B and C protection.

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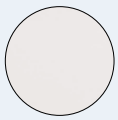
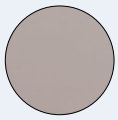
LENS SELECTION CHART

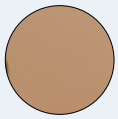
More than ornamental, each lens option serves a specific function. This lens selection chart provides a general usage guideline. However, always consult your safety director to determine the proper lens option for each application.



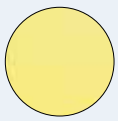
CLEAR LENSES
Ideal for indoor applications. Excellent general purpose selection, offering superior optics and impact protection. 91% VLT.



GRAY LENSES
Primarily used for outdoor applications. Minimizes glare that can result in eye strain and fatigue. 18% VLT.

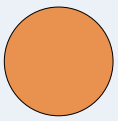


MOCHA LENSES
Enhances depth perception. Commonly used for outdoor applications. Minimizes glare that can result in eye strain and fatigue. 19% VLT.

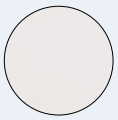


AMBER LENSES
Provides a high level of contrast. Allows for better definition, particularly in low-light applications. 85% VLT.

PACIFIC BLUE LENSES
Provides a significant level of contrast. Helps create better definition by allowing more light through the lens. 70% VLT.

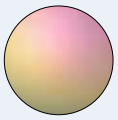


ORANGE LENSES
A high-contrast lens that is ideal for general wear and intermittent light conditions. 50% VLT.

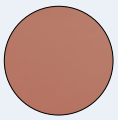


ANTI-FOG LENSES
Even in the most extreme environments, Gateway Safety's Anti-Fog coating helps minimize, or even eliminate, lens fogging.

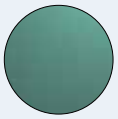
CLEAR IN/OUT MIRROR LENSES
The popular choice for workers challenged by regular movement indoors and outdoors. Clear lens offers excellent optical clarity inside; light gold mirror finish reduces glare outdoors. 53% VLT.



MIRROR LENSES
For outdoor use. Mirror coating reflects light, minimizing eye strain and fatigue. 16% VLT.



BLUE LIGHT FILTER LENSES
Helps reduce blue light exposure, which can lead to a phenomenon called "Blue Blur." 17% VLT.



IR FILTER LENSES
For use around light welding or light brazing/cutting.

VLT (Visual Light Transmittance) is the approximate amount of visible light that gets through the lens.