



IC NO-FOG™

Anti-Fog Treatment

Highly recommended for ophthalmic lenses, safety goggles, face shields, sports eyewear, and instrumental applications including medical and precision instrumentation.

When surface humidity falls below air's dew point, excess moisture condenses on a lens surface as tiny water droplets, producing a mist affect that diminishes visual clarity.

***IC No-Fog** from iCoat Company is a thermally-cured anti-fog treatment that reduces the water droplet's surface tension, causing them to disperse into an invisible, continuous thin sheet to provide clear and fog free vision. Consequently, the surface remains fog free, even under very humid conditions.*

Application:

IC No-Fog coating can be used wherever surface fogging is an issue. Typical applications are well suited for ophthalmic lenses, safety goggles, face shields, sports eyewear and instrumental applications including medical and precision instrumentation.

IC No-Fog can be applied to a large variety of materials including most plastic materials (resin, poly, acrylic, Trivex) and glass substrates. **IC No-Fog** coating can also be applied to clear, tinted or polarized substrates.

Anti-Reflective (AR) coating or mirror coating cannot be applied to the same surface of the lens as the Anti-Fog (AF) coating. It is recommended to apply the mirror coating or AR coating on the front surface of the lens while having the **IC No-Fog** treatment applied on the back surface of the lens. This way the back surface of the lens will demonstrate the anti-fog properties while maintaining mirror or AR properties on the front surface of the lens.



Making lenses better

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Performance:

Surfaces coated with **IC No-Fog** demonstrate superior fog free properties under a variety of conditions where fogging is an issue. The premium anti-fog performance of **IC No-Fog** has been evaluated using various exposure tests, per industry standard testing procedures.

Breathe Fog Test – No fog formation after direct breathing on the coated surface.

Hot & Moist Air Test – No fog formation after exposing to a hot moisture environment.

Freeze Test – No fog formation after transferring from cold conditions to a humid environment.

Maintenance:

For optimal performance of **IC No-Fog** coating, it is always recommended to clean your lenses only with **IC No-Fog Refresh** (Rejuvenator Solution). **IC No-Fog Refresh** helps revive and maintain the functionality and integrity of the **IC No-Fog** coating.

For a longer life of your anti-fog lenses and to maintain its excellent hydrophilic performance, avoid contact with harsh chemicals, keep the lenses clean, and place them safely in your spectacle case when not in use.

IC No-Fog Refresh: (Rejuvenator Solution)

IC No-Fog Refresh is a rejuvenator and cleaning solution that helps maintain fog free properties of the surface coated with **IC No-Fog** coating. **IC No-Fog Refresh** solution is available in 0.5 oz. bottle from iCoat.

IC NO-FOG™
Refresh
Anti-Fog
Rejuvenator Solution



About iCoat:

iCoat Company is leading provider of various thin-film treatments for optical lenses including anti-reflective, mirror coating, hard coating, UV treatment, Oleophobic and Hydrophobic applications, anti-static treatments and anti-fog coatings. iCoat Company has been a pioneer for over two decades in the field of development and application of thin-film optical coatings and has served various industry segments including ophthalmic, instrumentation, surveillance, medical devices, consumer goods and electronics, and defense.