



Visgard® UV
UV-Cure Anti-Fog Coating
 FSI Coating Technologies

FOR APPLICATION TO
Ophthalmic & Safety Eyewear

**High Performance Chemistry™
 for Anti-Fog Applications**

FSI Coating Technologies takes anti-fog coating durability to a whole new level. This innovative technology combines premium anti-fog performance with superior chemical, abrasion, and UV resistance, capable of performing in the harshest environments. This highly stable product has excellent long-term adhesion under extreme temperature and high humidity conditions, prevents fogging even after repeated cleaning.

Proven Reputation in the Industry

With continuous product innovation expertise since 1986, FSICT's proprietary technologies transform the durability and appearance of eyewear and vision protection devices.

Patented Technology

The FSICT Visgard® UV permanent anti-fog coating is uniquely formulated to meet the demanding standards of the ophthalmic and safety eyewear markets. Capable of passing the rigorous abrasion, anti-fog and UV radiation environmental tests of today's manufacturers, this hydrophilic easy clean anti-fog solution delivers exceptional primer-free adhesion to polycarbonate. Primer required for adhesion to other substrates.

Designed for spin coat application using our CrystalSpin® UV AF (UV-Cure Anti-Fog) coating machine. This revolutionary product provides an exceptional water washable and water sheeting, anti-fog surface.



Coating Technologies

Performance with Chemistry™

Experience a dramatic improvement in product quality, cycle times, and yields.



Visgard® UV Anti-Fog Coating

UV-Cure

Spin Coat Application

Primer-Free Adhesion to Polycarbonate

Water Washable & Water Sheeting

Feature	Description
Anti-Fog	Excellent Water Washable
Optical Clarity & Durability	Excellent
Abrasion Resistance	Excellent
Chemical Resistance	Excellent
UV Resistance	Excellent

PERFORMANCE FEATURES

- Delivers best-in-class abrasion, chemical and UV resistance
- Excellent environmental durability and permanent anti-fog performance
- Easy to use single coat system, meets demanding industry test requirements
- Hydrophilic, exceptional primer-free adhesion to polycarbonate
- Primer required for adhesion to CR-39®, MR-7™, MR-8™, MR-10™ and Trivex® substrates



PRODUCTION BENEFITS

- Long pot life and product stability reduces the need for frequent tank change-outs
- High quality Anti-Fog products streamline manufacturing, enhancing yields and profitability
- Access to FSICT's Global Technical Support Team for all product validation and application requirements

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