



# 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 more than 38 years of innovation expertise, 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.



Performance with Chemistry™

Coating Technologies

**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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