



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 35 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.



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

FSI COATING TECHNOLOGIES
USA- Corporate Headquarters
Tel: +1-949-540-1140
Fax: +1-949-540-1150
FSICustomerCare@sdctech.com

SDC TECHNOLOGIES – USA
California – Global Office
Tel: +1-714-939-8300
Fax: +1-714-939-8330
customercare.ca@sdctech.com

SDC TECHNOLOGIES – UK
Europe Office
Tel: +44-1633-627030
customercare.eu@sdctech.com

SDC TECHNOLOGIES ASIA PACIFIC PTE., LTD.
Singapore Office
Tel: +65-6210-6355
Fax: +65-6863-3565
customercare.ap@sdctech.com

SDC TECHNOLOGIES – CHINA
China Office
Tel: +86-21-61995035
Fax: +86-21-61305925
customercare.cn@sdctech.com

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