

LaunchPad: Spectacle Lenses

FSI Coating Technologies Releases UV-Cure High Performance Anti-Fog Coating

By: Staff

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Product: Visgard® UV AF anti-fog coating

Top Line: [FSI Coating Technologies](#) (FSICT), a leader in high performance anti-fog coatings, is launching Visgard UV AF anti-fog coating. This coating transforms the durability and appearance of ophthalmic and safety eyewear lenses and can be applied using FSICT's CrystalSpin® UV AF Anti-Fog Coating Machine. FSICT also offers an entire suite of thermal cure Visgard multi-purpose high performance water washable and water sheeting anti-fog coating products for a wide range of industry applications and substrates. Visgard features include excellent adhesion, permanent anti-fog performance, as well as premium abrasion, chemical and UV resistance.

Close Up: “Visgard UV-cure is an environmentally sustainable, and permanent water washable anti-fog coating, it significantly reduces the manufacturing cure process from four hours to less than a minute,” said Richard Chang, chief operating and financial officer for SDC Technologies, Inc. and FSI Coating Technologies, a wholly-owned subsidiary of SDC. “Visgard coatings offer dramatic improvements to anti-fog performance, cosmetic appearance, and value over existing products available in the market.” Visgard UV provides superior consistent long-term adhesion under extreme temperature and high humidity conditions; it prevents fogging even after repeated cleaning. Optically clear, Visgard UV high quality anti-fog coating streamlines manufacturing, enhancing yields and decreasing operating costs. This transparent coating offers excellent permanent anti-fog performance, smooth and easy clean surface combined with abrasion, chemical and UV resistance.

Vital Stats: Visgard UV is uniquely formulated to meet the demanding standards of the eyewear industry. Employing FSICT's patented technology, this game changing coating provides an exceptional water washable anti-fog surface. Unlike competitive products, Visgard UV anti-fog coating can pass the rigorous abrasion and anti-fog environmental tests of today's manufacturers and is suitable for spin coat and other application methods. Visgard UV delivers exceptional primer-free adhesion to polycarbonate substrates and can be used with primer to achieve adhesion to PPG's CR-39 and Trivex substrates and Mitsui's MR-7, MR-8, MR-10 substrates.

Click to download the following product information:

[Visgard UV Anti-Fog Product Highlights](#)

[CrystalSpin UV AF Anti-Fog Coating Machine](#)

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