

Visgard® UV-Cure High Performance Anti-Fog Coating

By: Optical Journal Staff—August 11, 2021



FSI Coating Technologies, Inc., (FSICT) a leader in high performance [anti-fog coatings](#) announced the launch of its new revolutionary UV-Cure anti-fog coating, **Visgard® UV**. This coating transforms the durability and appearance of ophthalmic and safety eyewear lenses and can be applied using our [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.

“FSICT is dedicated to the continuous development of innovative coatings that improve our customer’s products,” said Richard Chang, Chief Operating and Financial Officer for [SDC Technologies, Inc.](#) and FSI Coating Technologies, a wholly-owned subsidiary of SDC. “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. Visgard coatings offer dramatic improvements to anti-fog performance, cosmetic appearance, and value over existing products available in the market,” added Richard Chang.

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Visgard UV Coating Benefits

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.

Patented Technology

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 CR-39®, MR-7™, MR-8™, MR-10™, and Trivex® substrates.

Click below to download the following product information:

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

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

Availability

Visgard® UV premium permanent anti-fog coatings are available globally direct from FSI Coating Technologies. For more information please contact them at FSICustomerCare@sdctech.com.

ABOUT FSI COATING TECHNOLOGIES

FSI Coating Technologies (FSICT) based in Irvine, California, was founded in 1986. FSICT is a leading developer and manufacturer of innovative commercial industrial coatings and film products. FSICT offers a wide variety of premium, high-performance, anti-fog solutions, applications include medical, military, safety, and sports eyewear, as well as industrial sheet and PET film for commercial freezer display doors. FSI Coating Technologies is a wholly-owned subsidiary of SDC Technologies, Inc.

CrystalSpin® is a registered trademark of SDC Technologies.

CR-39® and Trivex® are registered trademarks of PPG

MR-7™, MR-8™, and MR-10™ are trademarks of Mitsui Chemicals, Inc.

Visgard® is a registered trademark of FSI Coating Technologies, Inc.

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