



CrystalCoat® AR/VR/MR

ABRASION & CHEMICAL RESISTANCE

- Thermal or UV-Cure & A/R Compatible
- Solvent-Based & Solvent-Free (100% Solids)

High Performance Chemistry

Founded in 1986, SDC Technologies, Inc. (SDC) is the recognized global leader in the manufacturing and distribution of premium proprietary thermal and UV-Cure abrasion and chemical resistant coatings. Leveraging the science of Sol-Gel Chemistry has led to the development of new technologies that transform the performance of coating. SDC's innovative coating solutions combine superior scratch resistance with exceptional product stability.

Proven Industry Reputation

With more than 37 years of product innovation, SDC's proprietary technologies are trusted by the world's most prestigious brands. SDC's coatings were designed to elevate your brand by enhancing the durability and quality of your products.

Patented Technology

CrystalCoat® AR/VR coatings deliver excellent adhesion, and best-in-class abrasion and chemical resistance. Uniquely formulated for smart eyeglass lens, headsets and headmounted display (HMD) applications where optical clarity and durability are required. Capable of meeting your dynamic production needs, CrystalCoat multi-purpose, coatings are compatible with anti-reflective (A/R) lens treatments, and suitable for dip or spin coat application. CrystalCoat also provides and low yellowness on multiple substrates.

SDC's optically clear coatings are formulated to maximize the performance and durability of eyewear, headsets and HMD. These revolutionary multi-purpose coatings are highly versatile and can easily be integrated into your coating operations, requiring no premixing. CrystalCoat's easy to use single coat application and long service life deliver outstanding value.



CrystalCoat® for AR/VR/MR

PRODUCT OVERVIEW

- Solvent-Based and Solvent-Free (100% Solids-based)
- Primerless, Dip or Spin Coat Application
- Compatible with Anti-Reflective (A/R) Lens Treatments
- Thermal and UV-Cure



PERFORMANCE FEATURES

- Delivers best-in-class high Bayer ratio for premium abrasion resistance and UV resistance for weatherability
- Excellent optical clarity, index-matching product durability and stability
- Easy to use single coat system, meets demanding industry test requirements
- Primer-free adhesion to various substrates such as Polycarbonate, PMMA, COC (APEL) and COP (Zeonex)

PRODUCTION BENEFITS

- Manufactured under stringent ISO 9001:2015 quality standards, enhancing coating performance
- CrystalCoat streamlines manufacturing, enhancing yields and profitability
- Access to SDC's global technical support team for your product validation and application requirements

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