

sdc Technologies

Premium High Performance

Abrasion Resistant Coating Systems



THE RECOGNIZED GLOBAL LEADER

Premium Abrasion Resistant Coatings









Long and successful record of continuous growth through technical innovation. Founded in 1986, SDC Technologies, Inc. (SDC) is the recognized global leader in the manufacturing and distribution of premium proprietary abrasion resistant coatings. Leveraging the integration of nanotechnology with Sol-Gel Chemistry has lead to the development of new technologies that transform the performance of coating. SDC is committed to the continuous development of breakthrough coating system solutions. To deliver premium high performance coatings that meet the challenging standards for superior product durability and appearance set by the world's most prestigious brands.

Premium coatings for multiple applications. SDC's premium CrystalCoat® coatings offer exceptional adhesion to plastic, metal and glass substrates, and are capable of performing in the most demanding environmental conditions. SDC's optically clear coatings are scientifically formulated to maximize the performance and durability of a variety of products from ophthalmic, sunglass, sports, military and safety eyewear to aerospace, architecture, automotive and transit glazing, electronic devices, and other specialty custom applications.

With hundreds of patented premium products, SDC's extensive line of protective coatings are uniquely capable of meeting your dynamic production needs as well as the needs of your customers. Exceptionally durable, our products have a long service life, and are cost effective, reducing the need for frequent tank change-outs. Highly stable, they can easily be integrated into your coating operations, and do not require pre-mixing. Extremely versatile, these coatings are available in thermal and UV-cure, water-based, low VOC and primer-free options for flow, dip, spin, spray, or roll coat applications to suit your needs.

In addition to liquid coatings, SDC offers anti-fog film, sheet, and complementary hard coating and primers. Our premium high performance coatings provide excellent abrasion, scratch, impact, and chemical resistance. Other features include tintability, weatherability, high-index matching, flexibility, formability as well as compatibility with anti-reflective and metalizing treatments.

Trusted advisor program. The SDC research and development science team works with our customers, partners, and complementary optical lens monomer business units to continuously improve manufacturing processes and accelerate advancements in new product development. SDC recognizes that each customer has unique requirements. We strive to achieve world-class quality and delivery, while forging Trusted Advisor relationships with our customers. Taking the time to understand and make recommendations for the best solution while working closely with customers during the application process to ensure high quality performance and yields.

Partnership — Creating business value though quality and technical innovation. We differentiate ourselves with innovative technology, world-class operations which are ISO 9001: 2015 quality and ISO 14001:2015 enviornmental management certified, and we maintain highly successful long-term global relationships. We work with our customers as Trusted Advisors, supplying them with highly skilled and accomplished R&D, technical support, and customer care teams to build value in their business. Our customer care specialists provide complete support through the entire procurement process, ensuring a positive customer experience. Dedicated to excellence, our science team is also available to offer technical assistance with your unique application. Contact a customer care specialist to discuss a product that is best suited to your requirements.

Performance with Chemistry™

sdc Technologies

Our innovative solutions improve the durability and performance of the world's most recognized products.







Our Most Popular CrystalCoat® Products. SDC's premium optically clear products include high-index matched, multi-purpose, and tintable hard coating solutions. Available globally, our multi-substrate compatible coatings streamline manufacturing, dramatically improving yields and profitability. Let SDC's technical support team provide product validation for your specialty application needs.

High-Index Matched Products. SDC's CrystalCoat product line is considered the world's leading high-index matched coating solution. These coatings offer exceptional adhesion to multiple substrates, and deliver best-in-class premium Bayer results. The entire suite of index-matched coatings are easy to use, do not require pre-mixing, and offer a variety of features to further enhance your products.

Multi-Purpose Products. SDC's multi-purpose coatings provide exceptional product stability and a cost-effective long service life, eliminating the need for frequent tank change-outs. Uniquely designed to enhance adhesion on multiple substrates, choose from our suite of multi-purpose products for the best solution to fit your substrate application.

Tintable Products. SDC's tintable hard coat products are formulated for ophthalmic, sunglass, sports, military, safety eyewear, and other high performance applications such as aerospace, architecture, automotive, transit, and electronics where optical clarity and high durability are required.

COATING CATEGORIES
- Anti-Fog
- Formability
- Hard Coating
- High-Index Matching
- Multi-Purpose
- Primer & Primerless
- Solvent-Based & Solvent-Free
- Thermal & UV Cure

APPLICATION METHODS
- Dip
- Flow
- Roll-to-Roll
- Spin
- Spray

CrystalCoat®

COATING FEATURES
- Chemical Resistance
- Compatibility with Anti-Reflective, Mirror & Metalizing Treatments
- Impact Resistance
- Optical Clarity
- Premium Abrasion Resistance
- Scratch Resistance
- Weatherability

SUBSTRATE MATERIALS
- Acrylic
- Aluminum & Other Non-Ferrous Metals
- CR-39® & RAV 7™
- Glass
- High-Index Substrates such as MR™ Series
- MR-8™, MR-7™, MR-10™ & MR-174™
- PET Film & Sheet
- Polycarbonate & Other Plastics
- Polyamide (Optical Nylon)
- RAVolution™ & Trivex®
- Specialty Polymers
- Stainless Steel

PERFORMANCE BENEFITS
- Accelerated Tintability
- Delivers Premium Bayer Results
- Environmental Stability
- Flexibility
- Improved Adhesion
- UV Durability

MARKETS SERVED
- Anti-Fog Coating & Film Applications
- Architecture & Building
- Automotive & Transit
- Commercial Freezer Display Cases
- Electronics
- High-Index Optical Lens
- Medical & Safety
- Military & Security
- Ophthalmic Solutions
- Sunglass & Sports Eyewear



Performance with Chemistry™

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CrystalCoat®

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