

High Performance Chemistry™



SDC Corporate Presentation 2024





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THE RECOGNIZED GLOBAL LEADER



Company

Vision, Mission, Values

VIDEO

38 YEARS OF PRODUCT INNOVATION

SDC at a Glance



38 Years of Innovation

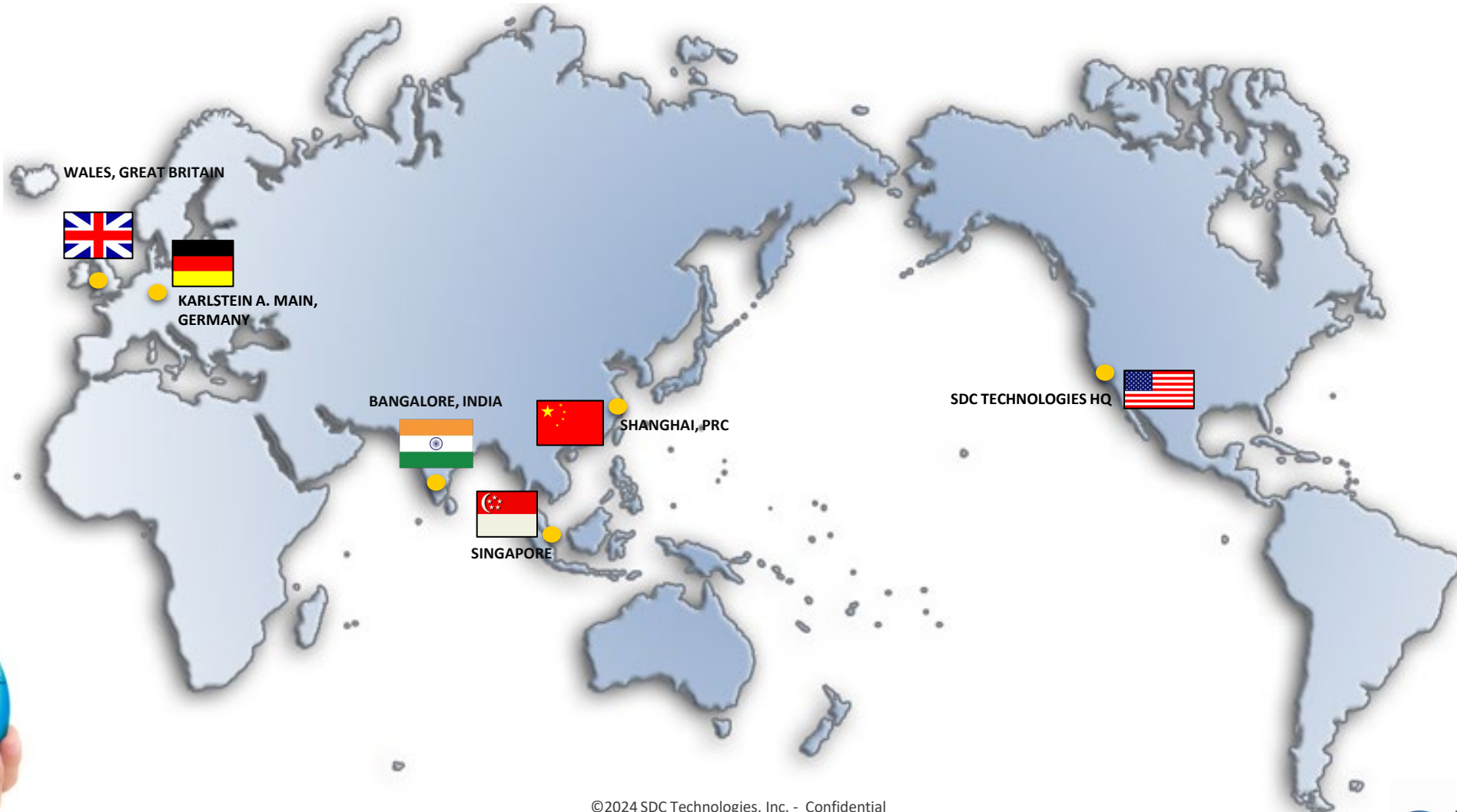
- 1986 Joint Venture of SDC (Swedlow Coatings, Inc. and Dow Corning Enterprises, Inc.) for Automotive & Aerospace Hard Coatings
- 1988 Partnered with Nippon Sheet Glass in Japan for Asia expansion
- 1989 Opened European Site
- 1996 SDC developed and patented a wide range of abrasion resistant products
- 2001 Became ISO 9001 (Quality) Certified, currently ISO 9001:2015
- 2006 Established China Office to expand presence in Asia
- 2008 Expanded & Relocated Headquarters to Irvine, CA
- 2008 Acquired by Mitsui Chemicals Inc. in Japan
 - Global Leader of Premium High-Index Optical Monomers [MR-Series™: MR-8™, MR-7™, MR-10™, MR-174™](#)
 - SDC operates as an Independent Wholly-Owned Subsidiary of Mitsui
- 2010 SDC Acquired [FSI Coating Technologies, Inc.](#), Anti-fog Technology Leader
- 2011 Mitsui Chemicals, Inc. acquired Acomon AG
 - Established in 1980, RAV 7™ and RAVolution™ Low-Index Optical Monomers in Switzerland
- 2013 Mitsui Chemicals, Inc. acquired KOC Solution Co., Ltd.
 - Established in 1999, KOC® Mid, High, Super-High Index, Photochromic & Impact Resistant Optical Monomers in Korea & China
- 2013 Opening SDC Technologies Asia-Pacific Singapore office
- 2014 SDC Purchases Majority Ownership of Lens Technology I, LLC , Ophthalmic UV-Cure Hard Coatings (renamed **LTI Coating Technologies, LLC**)
- 2017 LTI Merger Acquisition completed and fully integrated into SDC Technologies
- 2020 SDC acquired [COTEC GmbH](#), leader in PVD Finishing Materials, CVD Thin Film Applications, and Coatings Technology
- 2022 SDC acquired [Coburn Technologies, Inc.](#), leader in ophthalmic equipment, consumables, and services in all phases of lens production
- 2024 Became ISO 14001:2015 (Environmental) Certified



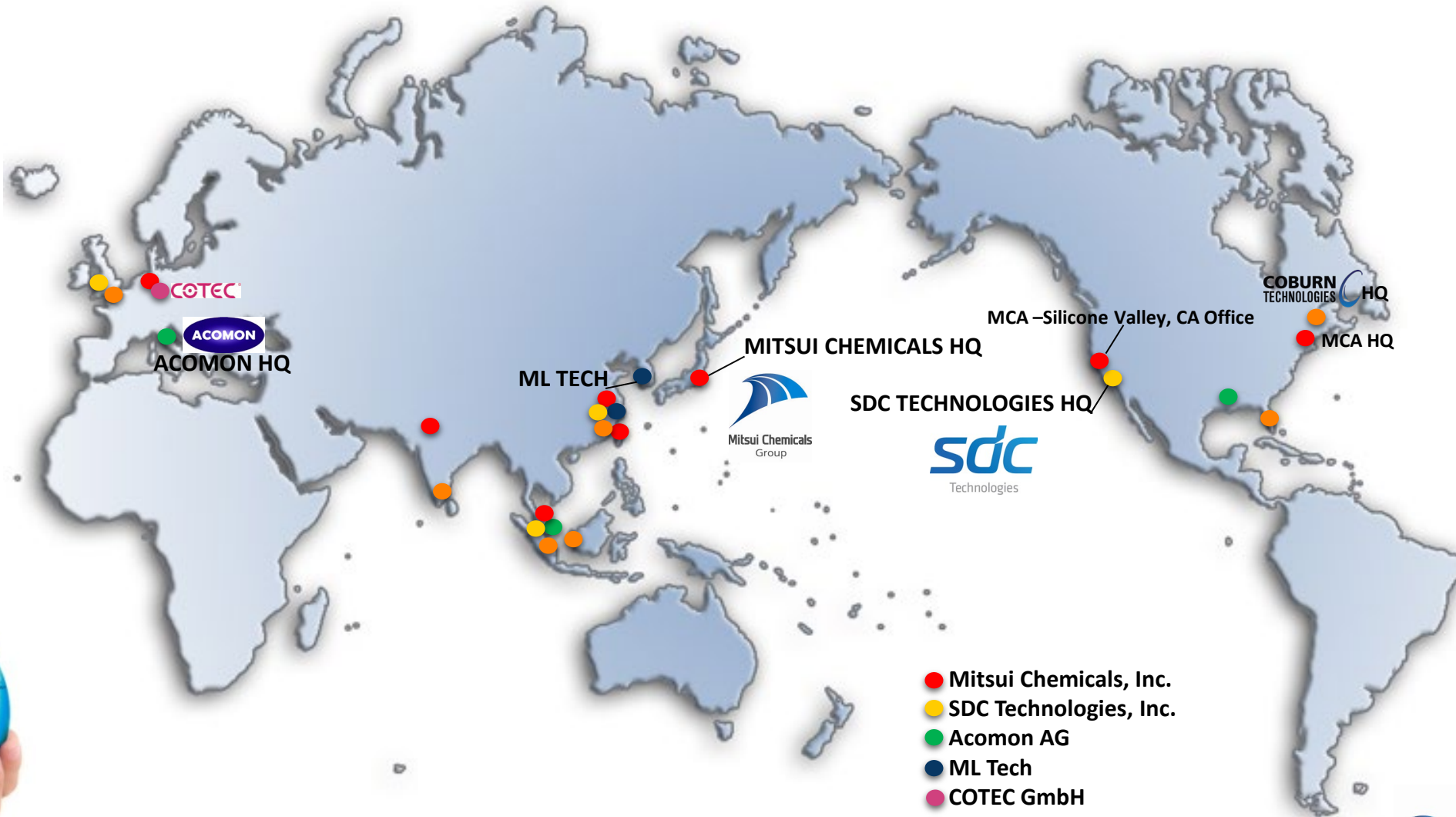
Pioneering Coating Technologies

- Recognized Global Leader of Premium Abrasion-Resistant Coatings
 - Expanding the Science of Sol-Gel Chemistry
- Cutting-edge Research and Proprietary, Patented Technologies
- **CrystalCoat®**, **CrystalChrome®**, **CrystalSpin®**, **FormGard®** and **3DLite®** product portfolio
- 100+ patents & patents-pending globally
- Engineering Unique Coatings for a Wide Variety of Substrates
- Support Multiple Vertical Markets
- Manufacturing Quality Certification: ISO 9001:2015
- Environmental Management Certification: ISO 14001:2015
- Worldwide Distribution Network

SDC Technologies Footprint



Global Vision Care Group



Total Lens Solution



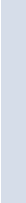
Hydrophobic, Oleophobic Coating

Anti-Reflective Coating

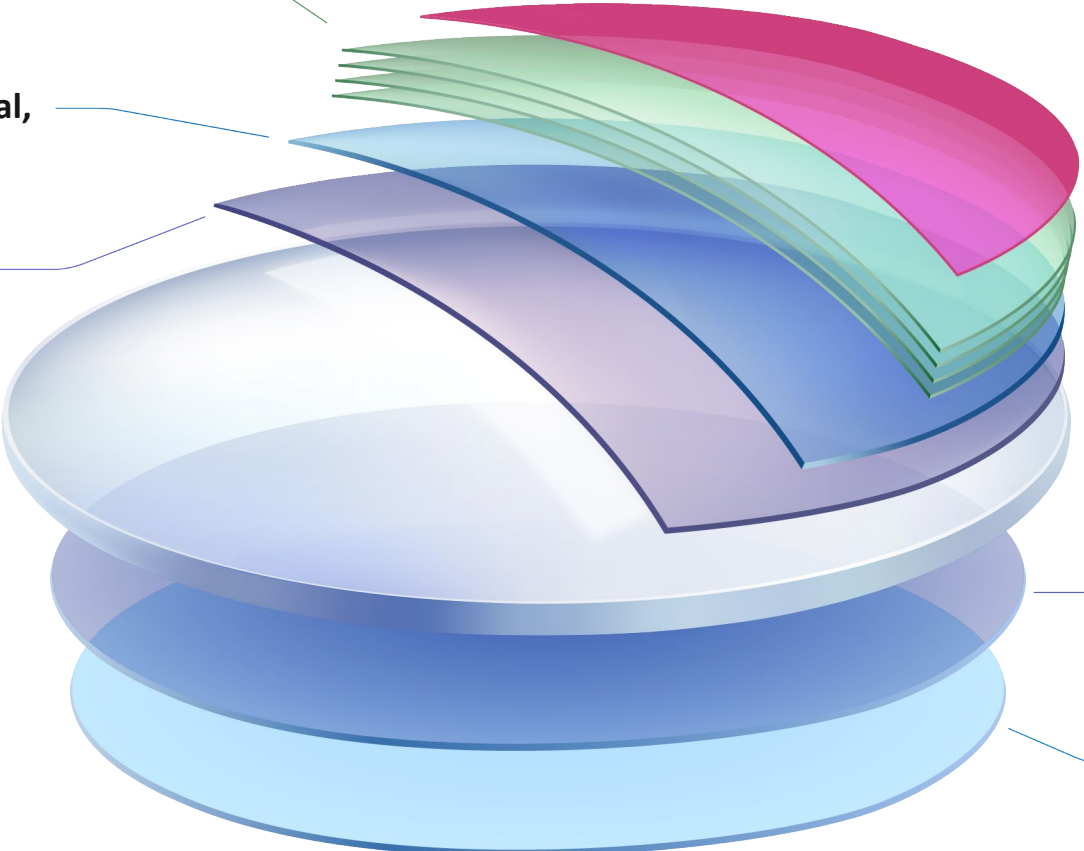


Abrasion, Chemical, Impact Resistant Coating

Primer Coating



High Refractive Index Lens Materials



Surfacing, Coating, Finishing Equipment



Abrasion Resistant Coating



Anti-Fog Coating

Total Vision Care Solution

High-Performance Chemistry | High-Precision Processing



High Refractive Index
Lens Materials



Coatings, Primers and
Coating Equipment



Permanent Anti-Fog
Coating Systems



Thin-Film Technology
Coatings & Equipment



Lens Processing Systems,
Coatings & Instruments



Multiple Vision Care Companies • One Vision Care Partnership



Mitsui Chemicals

The Global Standard for High Refractive Index Lens Materials



by Mitsui Chemicals

Innovative materials for lenses that offer a balanced set of features:

- Thinness and Lightness
- Tintability
- Impact Resistance
- Optical Clarity

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CrystalCoat®

Anti-abrasion Resistant Coatings



- Chemical Resistant
- Index-Matched
- Impact Resistant
- Primers
- Scratch Resistant
- Tintable
- UV and Thermal Cure

CrystalChrome®

Photochromic Coating



- Fast Darkening and Fading Speeds
- Suitable for All Lens Materials
- Dip or Spin Coat Thermal Cure Process

CrystalSpin®

UV-Cure Spin Coating Equipment



- Solvent-free or Solvent-Based
- Designed to Clean, Coat and Cure Lenses



fsi

Coating Technologies

Best in Class Anti-fog Coating Systems

NASA Approved Anti-fog for Space Helmets and Olympic Swim Goggles.

Visgard[®]

Vistex[®]

Anti-fog Coating Systems

- Hydrophilic
- Permanent Anti-Fog
- Thermal & UV-Cure
- Water-Washable
- Water-Sheeting

COTEC®

Materials | Vacuum | Coating

Ultra Hydrophobic Coatings DURALON®



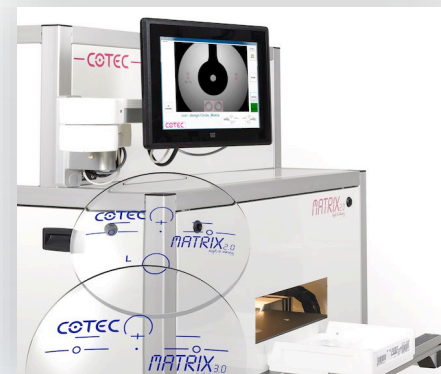
- Anti-Fingerprint
- Anti-Smudge
- Easy-To-Clean
- Durable

Anti-reflective And Other PVD Materials



- Enhances Surface Properties
- Maximizes Comfort
- Reduce Eye Strain

Handling, Testing Systems And Equipment



- Printing
- Coating
- Evaluating



Ophthalmic Laboratory Lens Processing Equipment,
Instruments, Coatings, & Consumables for All
Phases of Lens Production

From eye care practices and
small retail locations to automated
wholesale laboratory facilities



SURFACING

Laboratory Surfacing and Coating Equipment

- Blockers
- Generators
- Polishers/Finers
- Detapers/Cleaners
- Spin Coaters
- Deblockers
- Alloy Recovery
- Software



FINISHING

In-Office Lens Finishing Equipment

- Lens Edgers
- Lens Tracers
- Lens Blockers
- Drills



OPHTHALMIC

Exam Lane and Pre-testing Equipment

- Autorefractors/
Keratometers
- Digital Refractors
- Lensmeters
- Slit Lamps
- Exam Lanes & Furniture
- Visual Acuity Charts
- Retinal Cameras
- Ocular Surface
Analyzers



COATINGS

Hard Coatings

- UV Curable
- Solids-Based
- Tintable
- Non-Tintable

ProCoat
UVMAX
DURA-UV

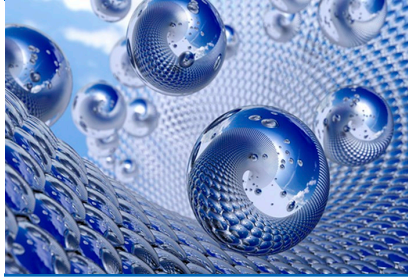


CONSUMABLES

Consumables

- Digital Surfacing
Consumables
- Traditional Surfacing
Consumables
- Finishing Consumables
- Coatings & Chemicals
Consumables

Core Competencies



Advanced Technology Global Distribution & Support

Technology/Product Development

- Elite team of senior chemists dedicated to discovering new technologies
- World-class, cost-effective coatings with long product life

Manufacturing/Distribution

- In-house specialty manufacturing for both large/small quantities
- Streamline supply-chain complexity and accelerate time-to-marketing
- Global, just-in-time (JIT) distribution

Worldwide Technical Support/Customer Care

- Experts in technical application consulting, ensuring high manufacturing yields
- Access to state-of-the-art equipment for lab-scale feasibility studies
- Dedicated, responsive support to ensure superior, consistent results



Continuous Improvement



Quality Policy

- Pursue quality and safety in all endeavors
- Continually improve our processes and products
- ISO 9001:2015 Certified, ISO certified since 2001



Safety Policy

- Facilities built to comply with the strictest environment and safety standards
- Participate in external surveillance, internal ISO certification audits
- Compliant with all packaging and shipping regulations globally

Environmental Policy & Sustainability

- Manufacture environmentally friendly and energy efficient coatings (UV cure, water-based, low VOC, Solvent-Free)
- Advocate bringing safe and innovative products to the marketplace
- ISO 14001:2015 Certified

Trusted Advisor Program



Powerful Symbiotic Partnership



Mission

- To be a “Trusted Advisor” to our customers with demonstrated expertise in product development, coating application and high yields.

Program Features

- Catalyst for generating ideas, exploring concepts and creating value through innovation.
- Deliver high performance coatings globally, aligned with your requirements.

Customer Benefits

- Complement your internal R&D resources without additional costs.
- Localized product application expertise, ensuring maximized yields.
- Accelerate your time-to-market.

Collective collaboration to achieve the best results.

Vision and Mission



Core Business Initiatives



Our Vision

- To create value through customer partnerships
- Deliver uncompromising service
- Promote diversity and environmental responsibility



Our Mission

- To provide premium functional coating technologies
- Focus on improving product performance and durability
- Continual development of a new generation of coatings



Our Values

- Devoted to the highest ethical conduct standards for performance and accountability
- Commitment to customer relationships grounded on trust and integrity

Our Code of Conduct



Honesty, Respect & Confidentiality

Business Conduct

- Support passionate, creative and enterprising thinking
- Inspire integrity, empower responsibility
- Engage and embrace diversity and respect
- Lead by example, continually seeking improvement
- Continual innovation and pursuit of quality and excellence

Business Relations

- Confidentiality, non-disclosure, and respect for intellectual property
- Ethical acquisition and use of business intelligence
- Fair competition and trade practices
- Environmental conservation, health and safety protection

Business Environment Trends



Competitive Advantage



Global Consistency

- Worldwide presence
- Support of brand extensions



Leading-Edge Technology

- Continuous product innovation
- Differentiated product performance



Efficient Value Chain

- Fewer suppliers
- Cost-effective solutions
- Flexible, adaptive supply base
- Application Expertise

THE RECOGNIZED GLOBAL LEADER



Markets

Commercial & Industrial

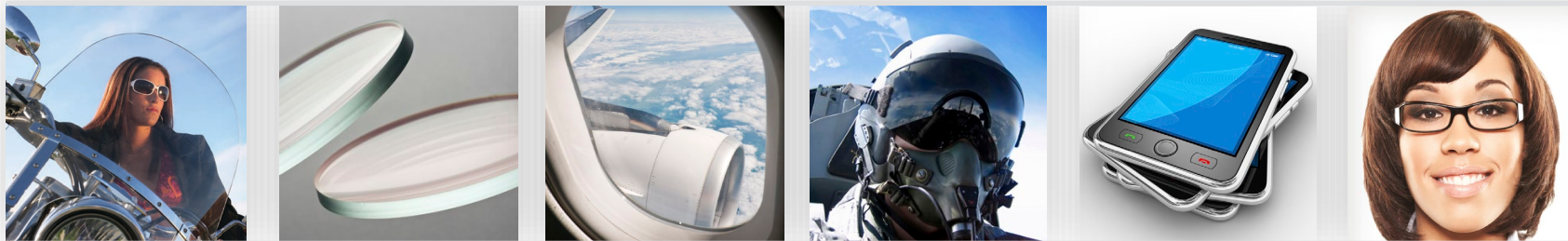
38 YEARS OF PRODUCT INNOVATION

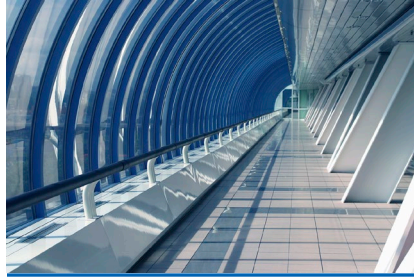
Vertical Markets Served



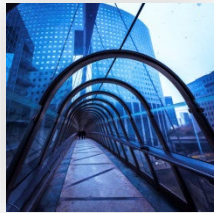
Complementary Hard Coats, PVD Materials, Film, Sheet & Primers

- Anti-Fog Coating and Film Applications
- Architectural and Building
- Augmented, Virtual, Mixed Reality
- Automotive and Transit
- Aviation and Aerospace
- Commercial Freezer Display Cases
- Electronics and Display Technology
- Marine and Watercraft
- Medical and Safety
- Military and Security
- Ophthalmic Solutions
- Precision and Special Optics
- Specialty and Custom Applications
- Sunglasses and Sports Eyewear



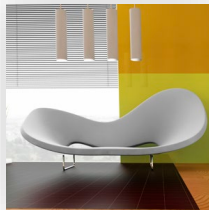


Enhancing Durability & Optical Clarity



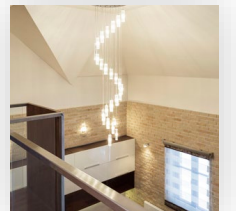
Features

- Large surface area PVD materials
- Exceptional optical clarity
- Excellent resistance abrasion and chemical resistance
- Primer-free adhesion to PC, acrylic & metal substrates
- Tintable and Printable surface
- Solvent and Solvent-free (100% Solids) coating options



Applications

- Architectural: covered walkways, balconies and railings, staircases and canopies
- Building Supplies: doors, windows, wall partition dividers
- Home Improvement: kitchen counters, cabinets, deck patio/porches, flooring
- Furniture: tables, chairs, lighting fixtures, chandeliers



Automotive & Transit



Accelerating Durability & Optical Clarity



Features

- Exceptional optical clarity
- Excellent resistance to abrasion, scratch, chemical, impact and UV radiation
- Premium weatherability and outdoor durability
- Hydrophobic and oleophobic easy-clean properties
- Versatile, primer-free adhesion to acrylic and PC
- Compatible with A/R, mirror and metalizing treatments
- Highly stable, maximizing product yields

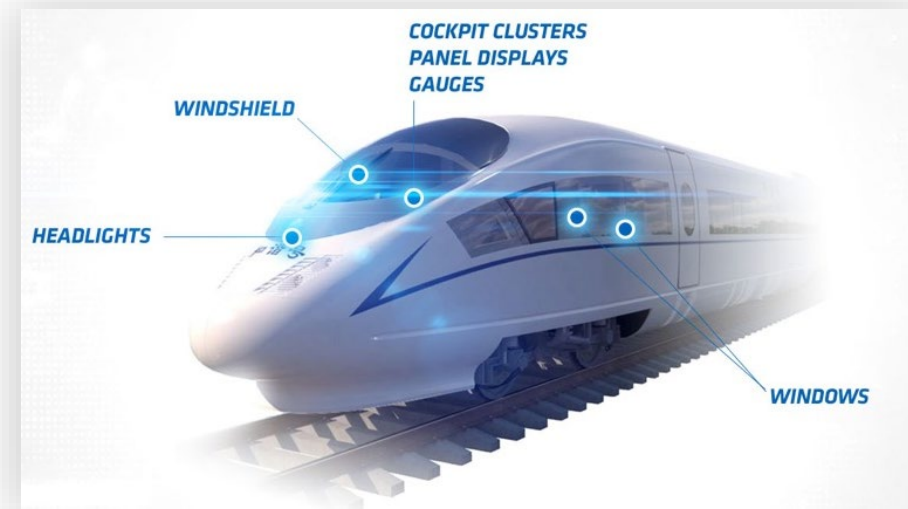
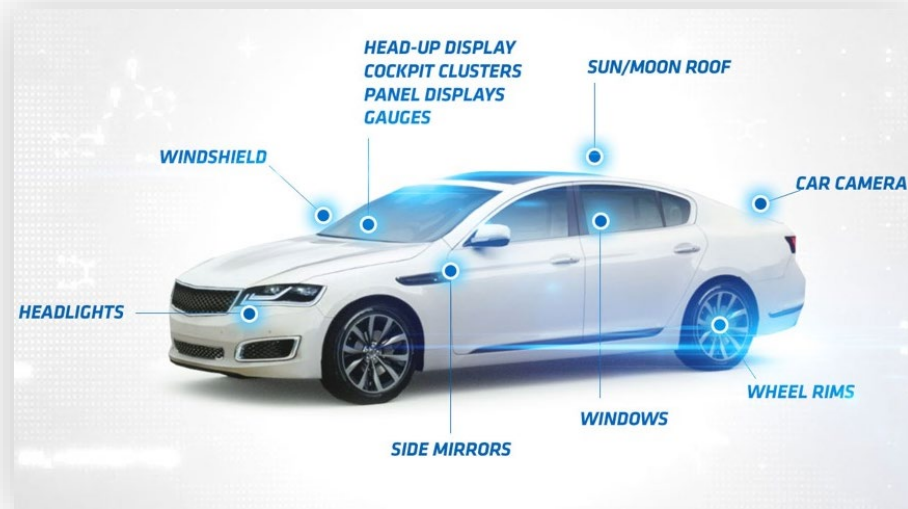


Applications

- Automotive & Transit: windows, side mirrors and camera systems, windshields/screens, canopies, lights, sun/moon roofs, cockpit instrument clusters, panel displays and gauges, aluminum wheel covers
- Electronics: Head-up displays, GPS navigation devices and systems, LED lighting
- Headlight and reflector metallization



Automotive & Transit Components



VIDEO





Elevating Aircraft Equipment Durability & Performance



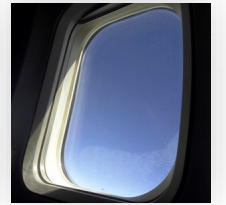
Features

- Exceptional optical clarity
- Excellent resistance to abrasion, scratch, chemical, impact and UV radiation
- Premium weatherability and outdoor durability
- Anti-static, anti-fog, anti-fingerprint, easy clean properties
- Compatible with A/R, mirror and metalizing treatments
- Highly stable, maximizing product yields

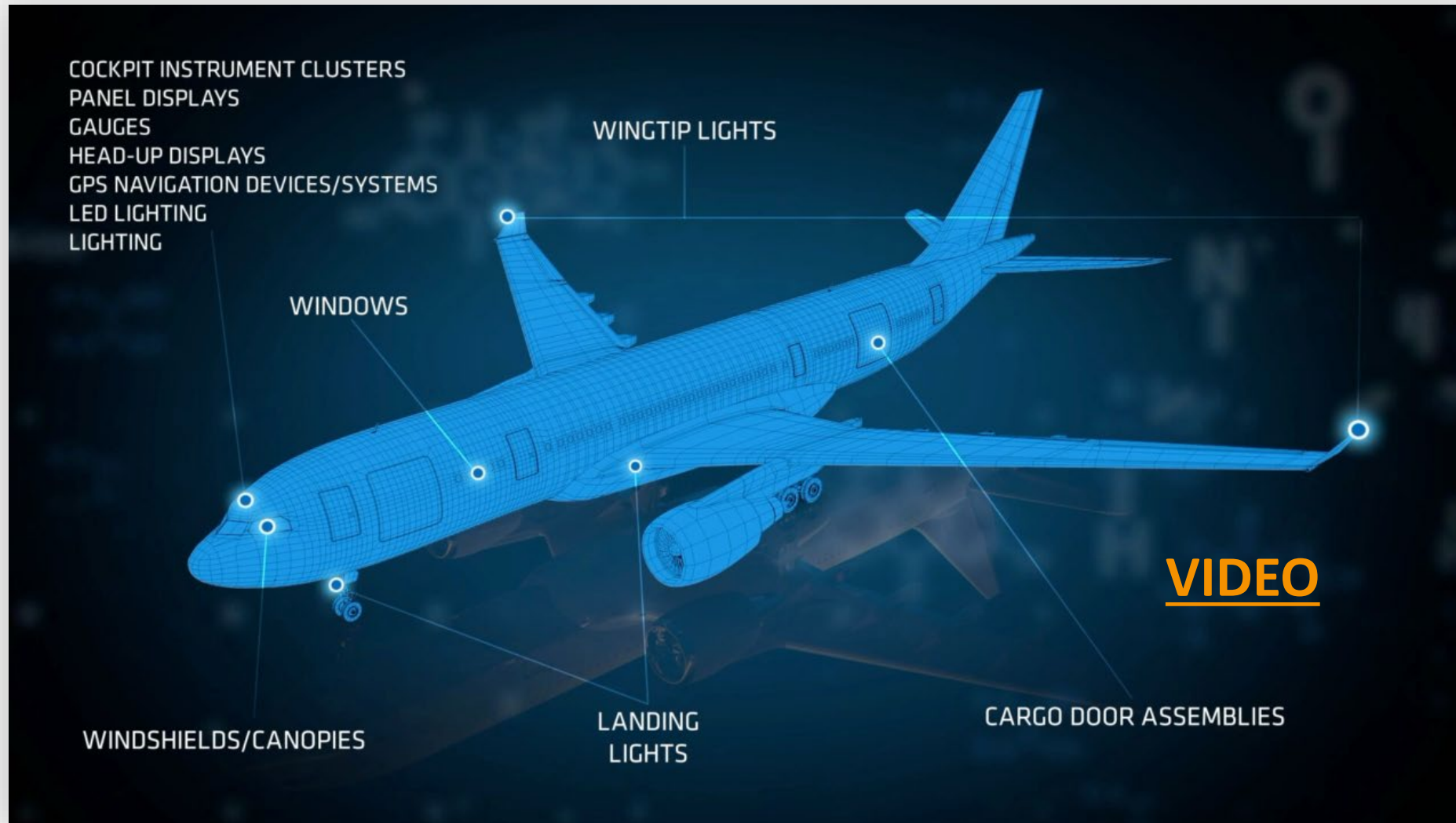


Applications

- Aviation: windows, windshields, canopies, lighting, cockpit instrument clusters, panel displays and gauges
- Electronics: Head-up displays, GPS navigation devices and systems, LED lighting
- Eyewear protection: goggles, face shields, visors and space helmets



Aviation & Aerospace Components



Commercial Refrigeration



Anti-Fog Film for Cooler, Deli & Freezer Display Case Doors



Features

- Superior water washable anti-fog, abrasion, scratch, mar & UV resistance
- Highly effective and long-lasting condensation control
- Easy-Clean, anti-fingerprint, smudge proof, anti-slip
- Durable even under humid and wet conditions
- Printable surface, can be digitally printed upon for advertising



Benefits

- Easy to install and maintain with common household cleaners
- Optically clear, improving visual merchandising
- Supports environmental leadership and sustainability initiatives
 - Optimizes efficiency, reducing energy consumption of freezer/compressor operations



Maximizing Durability & Performance of Digital Products



Benefits

- CrystalCoat® provides durability to all types of plastic, plastic films, metal (aluminum, stainless steel) and metalized parts



Features

- Premium anti-fog, abrasion, scratch and chemical resistance
- Water-washable hard coatings and films
- Highly durable, weatherable and UV-protection
- UV - cure coating options available
- Compatible with A/R, mirror and metalizing treatments
- Easy-Clean, anti-fingerprint, smudge proof, anti-slip

Applications

- Superior coating solution for multiple electronic devices such as:
 - Cameras, GPS Systems, and plastic watch crystals
 - Desktop, laptop, tablet, notebook, and mobile computers
 - Digital outdoor billboard signage and kiosks
 - eReaders, digital notebook readers such as Kindle
 - HUD, Flat Panel Display (FPD), LED, LCD (plasma screens) OLED Portable multi-purpose Internet communications/media and PDA devices (ie. iPad)
 - Mobile and smartphone windows and casings
 - TV monitors, touch panel screens

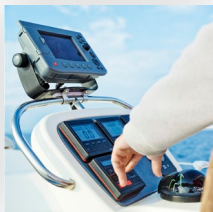


Accelerating Durability & High Performance



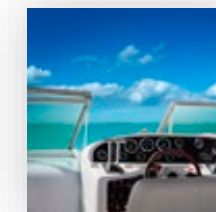
Features

- Exceptional optical clarity for safer driving and navigation
- Premium weatherability and outdoor durability
- Excellent resistance to abrasion, chemicals, impact and UV radiation
- Hydrophilic, water sheeting anti-fog properties
- Hydrophobic & oleophobic easy-clean
- Primer-free adhesion to polycarbonate and acrylic substrates

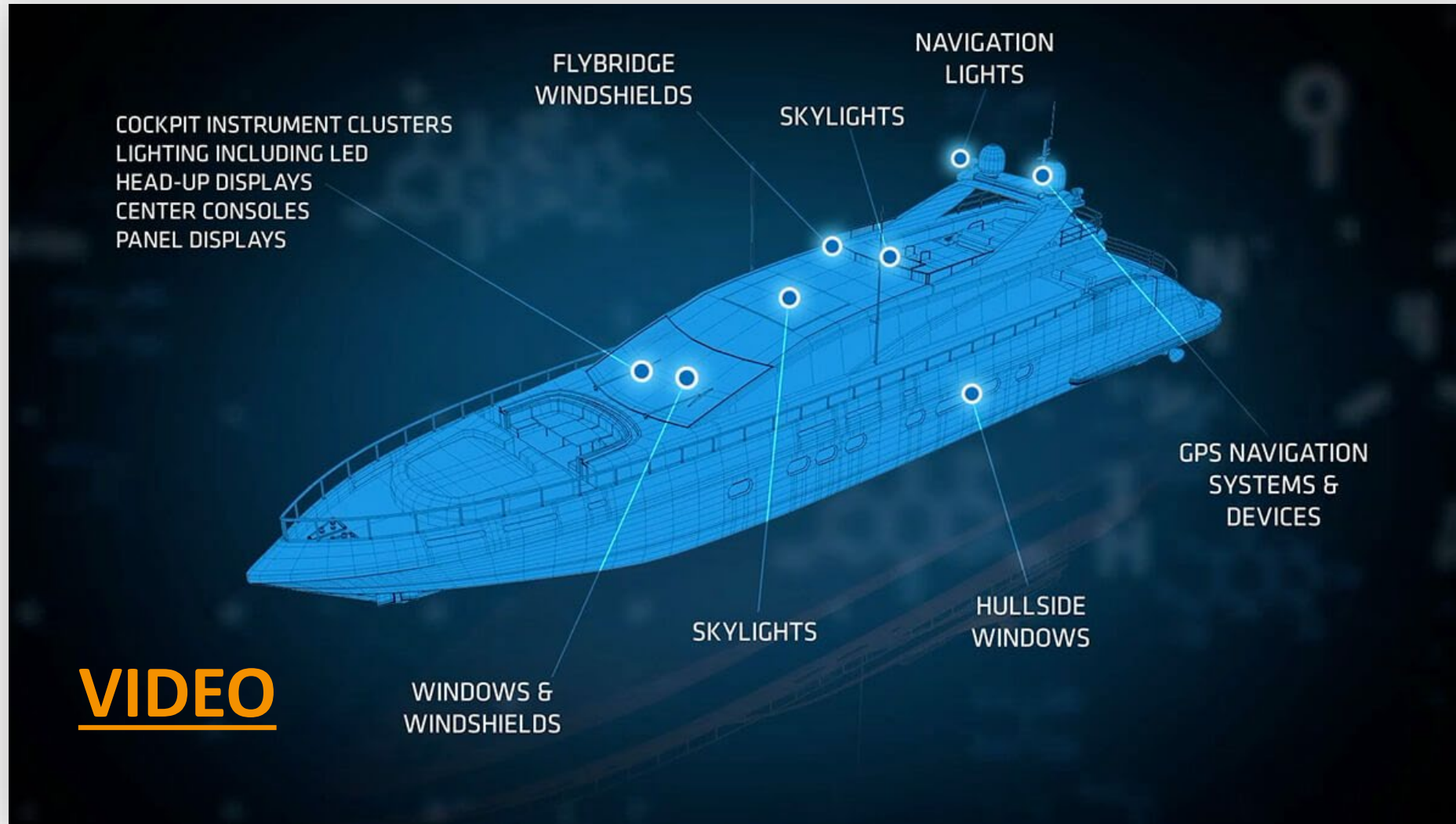


Applications

- Electronics: Panel and Heads-up Displays (HUD), LED lighting
- Hullside and boat deck windows, windshields, and windscreens
- Navigation: GPS navigation systems, cockpit instrument clusters and gauges



Marine & Watercraft Components





Optimizing Visual Clarity & Product Durability

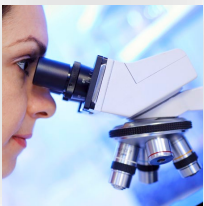


Benefits

- CrystalCoat® provides durability to all types of plastic, plastic films, glass, metal and metalized parts

Features

- Superior optical quality
- Premium anti-fog, abrasion, chemical impact and scratch resistance
- Water-washable hard coatings and films
- Weatherable and UV-protection
- Hydrophobic & oleophobic easy-clean properties
- Tintable permeable, fast tinting and color-fast
- Cures at low temperatures, resistant to ink ghosting



Applications

- Medical electronic displays and devices, surgical and diagnostic camera equipment, microscopes
- Automotive and transit, armored and security vehicle windshields, windows, and doors
- Protective & Safety eyewear: visors, face shields, visors, masks and goggles



Applications Where Visual Clarity is Imperative



Benefits

- CrystalCoat® provides durability to all types of plastic, plastic films, glass, metal and metalized parts

Features

- Superior optical quality
- Premium anti-fog, abrasion, chemical impact and scratch resistance
- Water-washable hard coatings and films
- Weatherable and UV-protection
- Hydrophobic & oleophobic easy-clean properties
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- Cures at low temperatures, resistant to ink ghosting



Applications

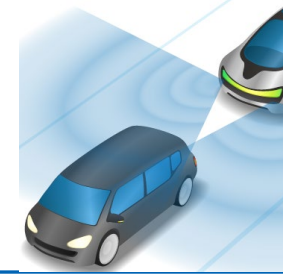
- Provides superior protection to bullet/shatterproof glass (cars)
- Optical equipment: binoculars, rifle, night and laser scopes & surveillance cameras
- Aircraft canopies, cabin windows, cockpits & instrument clusters
- Military tank and security vehicle windows, windshields, instrument gauges and guidance systems
- Protective & Safety eyewear: visors, face shields, visors, masks and goggles



Precision & Special Optics Applications



Exceptional Product Durability & Visual Clarity



Features



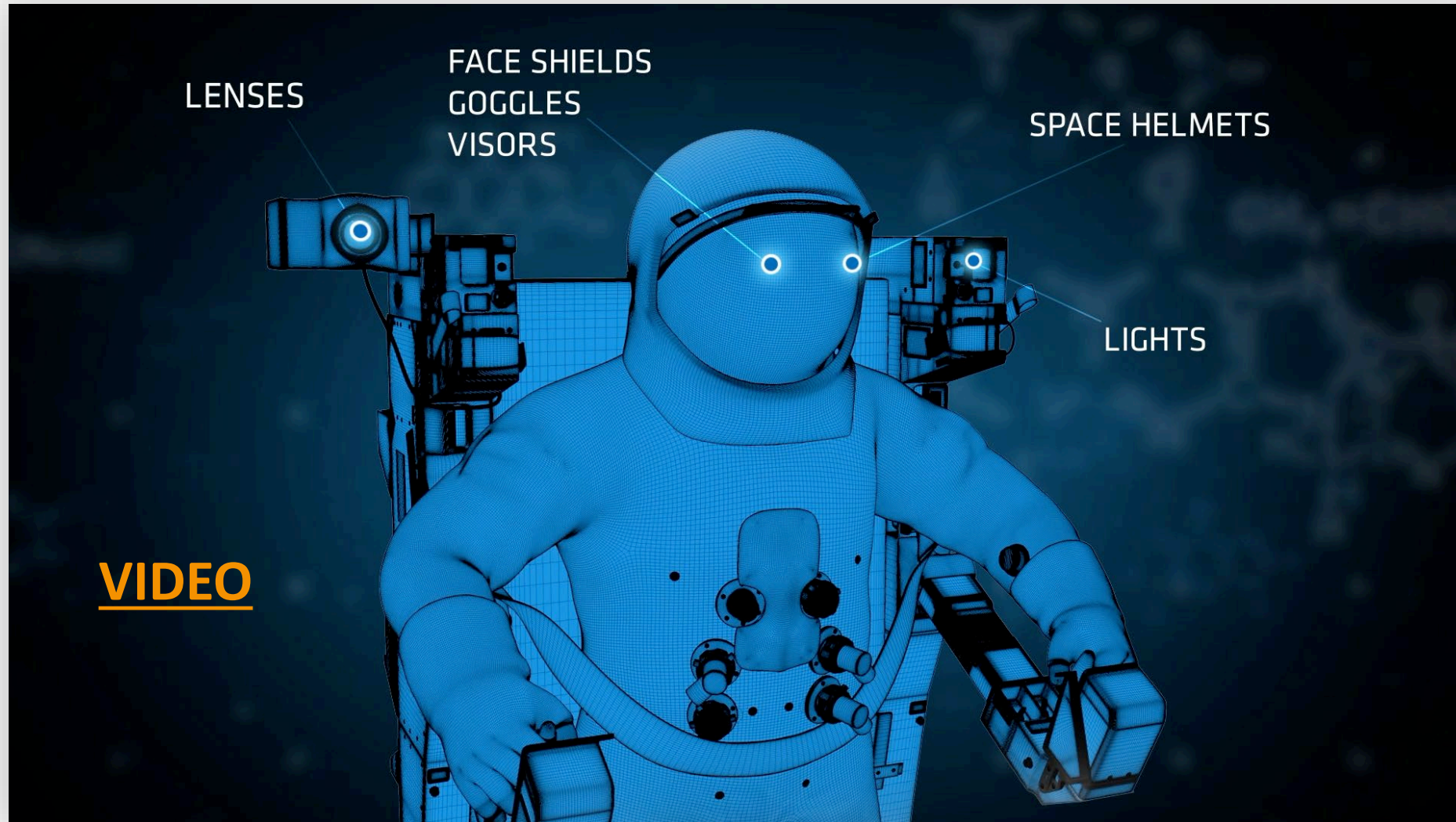
- Transparent, exceptional optical clarity
- Abrasion, chemical and scratch resistant
- Premium weatherability and outdoor durability
- Easy-Clean, anti-fingerprint, smudge proof, anti-slip
- Compatible with A/R, mirror and metalizing treatments

Applications



- Aerospace avionics: communication, navigation and display multi-systems
- Aircraft precision optical assemblies and optronics solutions
- Architectural indoor LED lighting, solar concentrators and panels
- Augmented reality (AR) glasses, and virtual reality (VR) goggles
- Automotive lighting: interior, head /tail, backup cameras, sensors
- High-End Sensors & Camera Lens: back-up and side driving mirror, security, domes for self-driving cars
- Commercial scanner/print-head, barcode reader, semiconductor inspection equipment
- Heads-up Display (HUD) transparent panels for GPS, information/infotainment systems
- Medical diagnostic imaging devices, endoscopes, head mounted optics, microscope lens
- Military and Defense Helmet Mounted Display System (HMDS), night vision and guidance systems

Optics Components



THE RECOGNIZED GLOBAL LEADER

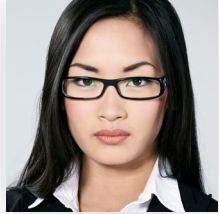


Vision Eyewear

Our specialty, providing coating solutions for the world's most prestigious brands.



Vision Eyewear Vertical Market



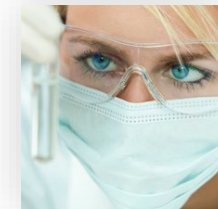
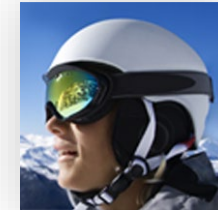
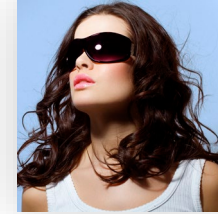
Eyewear Markets

- Rx Prescription
- Safety and Military
- Sports
- Sunglass



Customers

- Leading Rx Prescription Lens Manufacturers
 - Americas
 - Asia
 - Europe
- Leading Sunglass Manufacturers Globally
- Premium Sunglass Brands
- Premium Sports Brands
- Leading Safety and Military Organizations



Many customers use SDC products exclusively.

Ophthalmic, Sunglass & Sports



Multiple Industry Leading Eyewear Solutions

Benefits

- CrystalCoat® provides durability to all types of plastic, plastic films, glass, metal and metalized parts

Features

- Superior Optical Clarity
- Premium anti-fog, abrasion, chemical impact and scratch resistance
- Water-washable hard coatings and films
- Weatherable and UV-protection
- Anti-Reflective and Ultra-Hydrophobic
- Index-Matched (Mid and High)
- Tintable and Non-Tintable
- Primer and Primerless

Eyewear Lens Applications

- High-Index lenses such as MR™ Series (MR-8™, MR-7, MR-10™, MR-174™)
- CR-39® and RAV 7™, RAVolution™, and Trivex®
- Acrylic, polycarbonate, polyamide and other plastics
- Polarized, photochromic and tinted
- Compatibility with AR, tinted and metalized treatments

THE RECOGNIZED GLOBAL LEADER



CrystalCoat[®] Products

Formable, Index-Matched, Multi-Purpose, Photochromic,
Primerless, Solvent-Free, Tintable, UV-Cure & Weatherable

A photograph of several glass test tubes in a rack, with a pipette dispensing a drop of liquid into one of them. The image is overlaid with a blue gradient that transitions into the text area.

38 YEARS OF PRODUCT INNOVATION

Premium High Performance

Enhancing the World's Most Prestigious Brands



Coating Solutions



Substrate Applications



Custom Development

THE RECOGNIZED GLOBAL LEADER

Why are SDC Coatings Unique?



Pioneers of Innovation

- SDC was the first to use nanoparticles to develop Sol-Gel coatings
 - Provides a hard, glass-like surface
- Outperforms conventional coatings and paints
 - Exceptional optical quality
 - Superior abrasion resistance
 - Highly durable and chemical resistance
- Why Customers choose SDC
 - Product quality and performance superior
 - Delivery of customized product solutions
 - Application expertise and customer support
 - Ongoing technology development and product improvements

Coating Production Benefits



Easy Integration with Operations

- Enhanced product performance, utility, appearance and exception quality
- Environmentally friendly UV-cure, water-based, low VOC, solvent-free (100% solids) options available
- Easy to use and highly stable products
- Products can easily be integrated into coating operations, requiring no pre-mixing
- Long product service life is cost-effective, reducing the need for frequent tank change-outs
- Availability globally, multi-substrate compatible coating solutions streamline manufacturing, dramatically improving yields and profitability
- Access to SDC's global technical support team for all product validation and application requirements



Innovative Product Solutions



- Superior optical clarity
- Premium abrasion, chemical, impact, and scratch resistance
 - Best-in-class Bayer results
- Good adhesion to a variety of substrates
- Anti-Reflective and compatibility with mirror and metalizing lens treatments
- Excellent environmental durability including QUV
- Meets European and American safety standards (ANSI Z87.1-2003, EN 166K, EN166N, EN166UV)
- Formable, flexible and tintable
- Excellent anti-fog, hydrophilic water sheeting and hydrophobic easy-clean properties
- High-index matched as well as medium hard coating options
- Primer and primerless, thermal and UV-cure

Substrate Materials



Superior Optical Clarity for Multiple Applications

- Acrylic
- Aluminum and other non-ferrous metals
- CR-39[®] & RAV 7[™] Glass
- High-Index lenses, MR[™] Series MR-8[™], MR-7[™], MR-10[™] and MR-174[™]
- PET Film & Sheet
- Polyamide (Optical Nylon)
- Polycarbonate and other Plastics
- RAVolution[™] and Trivex[®]
- Specialty Polymers
- Stainless Steel
- Tritan[™]



Multiple Coating Applications



- Cast Resins
- Fabricated Plastics, Metal & Glass
- Plastic Film
- Forged & Non-Ferrous Metals
- Injection Molded Plastics
- Plastic, Metal & Glass Sheet
- 3D Technology for complex shapes & large area surface components

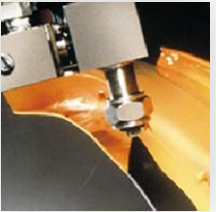


Coating Application Methods



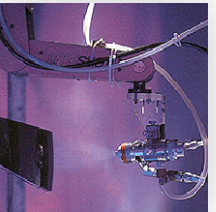
Dip

- Two-sided coating provides high throughput and the ability to maintain thickness control
- Ideal for lenses and small parts



CVD

- Chemical Vapor Deposition Thin Film technology (wafer thin substrate)
- For producing high performance solid materials for semiconductors



Flow

- Effective for large or uniquely shaped parts
- Well suited for plastic sheeting and large shapes



PVD

- Physical Vapor Deposition optical layer system, functional finishing materials
- Well suited for digital printers & progressive lenses

Roll-to-Roll

- One-sided coating, ideal for UV-cure coatings
- Ideal, continuous process for films and sheets

Spin

- One-sided coating features good thickness control
- Perfect for lenses

Spray

- One-sided coating ideal for large or complex parts, offers high throughput
- Applications include cell phone windows and casings



Thermal/UV-Cure Coatings and Primers

- Our Most Popular CrystalCoat® Products
 - Formable Coatings
 - Index-Matched Coatings
- Multi-Purpose Coatings
- CrystalChrome® Photochromic Coatings
- Primerless Coatings for PC
- Solvent-Free (100% Solids) Coatings
- Tintable Coatings
- UV-Cure Coatings
- Weatherable Coating System

CrystalCoat®



Formable (Thermoformable) Product Suite



Exceptional Abrasion Resistance & Optical Clarity

Features

- Excellent abrasion, chemical, impact and scratch resistance
- Optically clear, provides exceptional adhesion to multiple substrates
- Formable and flexible
- Tintable at room temperature
- Easy to use, does not require pre-mixing, available in primer-free options for PC
- Long service life, can be easily integrated into your coating operations

Substrate Materials

- Acrylic
- CR-39®
- Glass (Primer Recommended)
- Polyamide (Optical Nylon)
- Polycarbonate (PC)
- Polyester (PET) Film & Other Plastics

MR-8™, MR-7™, MR-10™, MR-174™ are trademarks of Mitsui Chemicals, Inc. RAV 7™ and RAVolution™ are registered trademarks of Acomon AG. Acomon AG is a wholly-owned subsidiary of Mitsui Chemicals. CR-39® and Trivex® are registered trademarks of PPG.

Index-Matched Product Suite



High-Index Eyewear Enhanced by High-Performance Chemistry



Features

- CrystalCoat® is the best high-index coating on the market, considered the world's leader
- Optically clear, provides exceptional adhesion to multiple substrates
- Capable of performing in the most demanding environments
- Excellent abrasion, chemical, and impact resistance, delivering best-in-class Bayer results
- Easy to use, does not require pre-mixing, available in spin or dip, primer or primer-free options
- Long service life, can be easily integrated into your coating operations

Substrate Materials

- Acrylic
- CR-39®
- High-Index lenses MR™ Series MR-8™, MR-7™, MR-10™ and MR-174™

MR-8™, MR-7™, MR-10™, MR-174™ are trademarks, and RAV 7™ and RAVolution™ are registered trademarks of Mitsui Chemicals, Inc.
CR-39® and Trivex® are registered trademarks of PPG.

Multi-Purpose Product Suite



Exceptional Abrasion Resistance Accelerated Performance

Features

- Multi-purpose products provides exceptional adhesion to multiple substrates with exceptional tintability
- Weatherable durability capable of performing in the most demanding environments
- Excellent abrasion, chemical, and impact resistance, delivering premium Bayer results
- Available in dip, flow or spin, primer or primer-free, thermal and UV-cure options
- Long service life, can be easily integrated into your coating operations, does not require pre-mixing

Applications

- Ideally suited for ophthalmic, sunglass, sports, military and safety eyewear where optical clarity and high durability are required
- Also suitable for aerospace, automotive and transit glazing as well as electronic devices

Substrate Materials

- Acrylic
- CR-39[®] and RAV 7[™]
- High-Index lenses MR[™] Series MR-8[™], MR-7[™], MR-10[™] and MR-174[™]
- Polyamide (Optical Nylon)
- Polycarbonate and other Plastics
- RAVolution[™] and Trivex[®]

Photochromic Product Suite



Light Reactive
High-Performance Clarity

Features

- Exceptional Optical Clarity
- Fast Darkening and Fading Speeds
- Dip or Spin Coat and Thermal Cure Process
- Compatible with Anti-Reflective Metallizing Treatments
- Suitable for Gray and Brown Photochromic Colors
- Abrasion and Chemical Resistance

CrystalChrome[®]

Applications

- Ophthalmic, sunglass, sports, military and safety eyewear

Substrate Materials

- Suitable for All Lens Materials

Primerless Product Suite



Exceptional Durability, Premium Abrasion Resistance

Features

- Primerless (or primer-free) adhesion to acrylic and polycarbonate
- Premium abrasion and chemical resistance
- Flexibility, compatible with A/R, mirror and metalizing treatments
- Thermal cure, available in dip or spin application

Applications

- Ideally suited for ophthalmic, sunglass, sports, military, and safety eyewear where optical clarity and high durability are required
- Also suitable for aerospace, automotive and transit glazing as well as electronic displays

Solvent-Free (100% Solids) Product Suite



Environmentally Sustainable Coating

Features

- High performance solvent-free, 100% solids coatings are efficient and environmentally friendly
- Premium abrasion and chemical resistance
- Compatible with A/R, mirror, and metalizing treatments
- Non-flammable
- Improved adhesion

Substrate Materials

- Acrylic
- CR-39® and RAV 7™
- Glass
- Polycarbonate (PC)

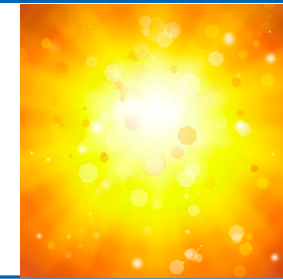
Performance Benefits

- Highly stable, delivers premium Bayer results
- Contains virtually no VOCs hazardous air pollutants or toxic release compounds for a cleaner/safer work environment
- Rapid UV-Cure:
 - Accelerated curing increases production speed
 - Reduces scrap and waste as well as regulatory requirements
 - Lowers energy, application, and overall operational cost
 - Does not emit harmful toxic gases during the evaporation process

Tintable Coatings Product Suite



Fast Tint Technology Extraordinary Performance



Features

- Tintable coat products provide adhesion to multiple substrates with exceptional accelerated tintability
- Weatherable UV durability capable of performing in the most demanding environments
- Premium abrasion and chemical resistance
- Available for dip or spin applications
- Compatible with AR, mirror, and metalizing treatments
- Long service life, can be easily integrated into your coating operations, does not require pre-mixing

Applications

- Ideally suited for ophthalmic, sunglass, sports, military, and safety eyewear where optical clarity and high durability are required

Substrate Materials

- Acrylic
- CR-39® and RAV 7™
- High-Index lenses MR™ Series MR-8™, MR-7™, MR-10™ and MR-174™
- Polyamide (Optical Nylon)
- Polycarbonate and other Plastics
- RAVolution™ and Trivex®

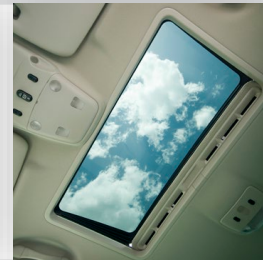
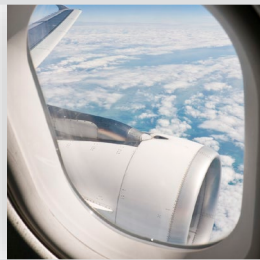
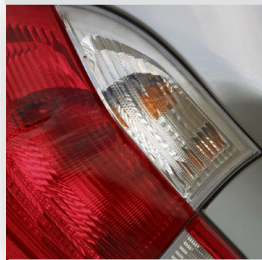
Weatherable Coating System



Exceptional UV Protection & Outdoor Durability



- Electronic Displays: Tablets, Phones, Computers, TVs
- Lighting & Mirrors for Multiple Applications
- Transit: Commercial, Industrial and Recreational Vehicles such as Automotive, Aerospace, Bus, Industrial & Commercial, Marine, Motorcycle, Rail

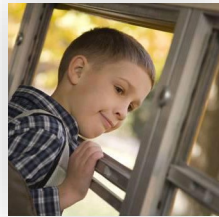


Multiple Polycarbonate Applications



High-Performance Solutions for Transit & Electronics

Transit Applications



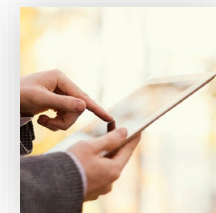
- Airplane, bus, car and rail windows and mirrors
- Automotive sunroofs, aerospace cockpit canopies
- Motorcycle and automotive windscreens
- Instrument panels, displays, and gauges
- LED lighting for commercial, industrial and recreational vehicles



Electronic Device Applications



- PDAs, digital readers
- Desktop, laptop, tablet and mobile computers
- Portable multi-purpose Internet communications/media devices (e.g., iPad)
- Mobile and Smartphone windows and casings
- LCD and plasma screens
- Cameras and plastic watch crystals



UV-Cure Coating Product Suite

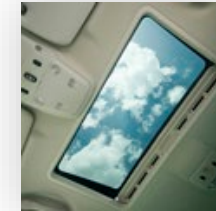


Environmentally Friendly Abrasion & Chemical Resistance



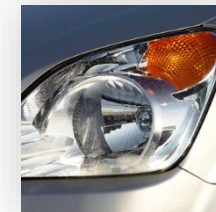
Markets Served

- Architectural & Building
- Automotive & Transit
- Aviation & Aerospace
- Optics, Ophthalmic, Medical, Safety & Sports Eyewear



Features

- Exceptional Abrasion & Chemical Resistance
- Outstanding Optical Clarity



Available Options

- Environmentally Conscious UV Light, Fast Curing
- Dip, Flow & Spray Coat Compatible

Weatherable Coating System



Accelerates Outdoor Durability

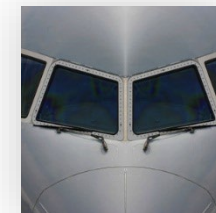
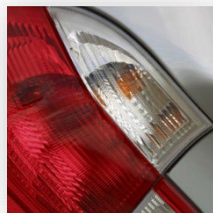
Coating Features & Benefits

- Superior optical clarity, exceptional adhesion to PC
- Excellent abrasion and scratch resistance
- Weatherable, outdoor durability and UV-protection
- Ultra-hydrophobic, easy-clean



Available Options

- Thermal Cure
- Two-Part Coating & Primer System
- Flow Coat Compatible



THE RECOGNIZED GLOBAL LEADER



Technical Service & Support

38 YEARS OF PRODUCT INNOVATION

Global Service & Support



Strategic Development Partner

Technical Support

- Your strategic development partner focused on continuous quality improvement
- Localized technical support teams backed by central R&D department accelerates product development
- Extensive product portfolio and complementary technology available through parent Mitsui Chemicals and affiliate companies allows to deliver a complete solution while taking advantage of a larger cost-effective supply network

Customer Care

- Dedicated to world-class operations and global customer relationships
- Committed to delivering uncompromising service, exceeding customer expectations

THE RECOGNIZED GLOBAL LEADER



Summary

Strategic Product Development

38 YEARS OF PRODUCT INNOVATION

Value Proposition



Why Choose SDC?

- Long and successful record of continuous growth through technical innovation
- Comprehensive portfolio with hundreds of patented premium coatings for multiple applications
- Trusted Advisor Program
 - Partnership founded on creating business value through quality and technical innovation
 - Serves as an extension of your product development team to ensure quality performance and yields
- SDC's innovative solutions improve the durability and performance of the world's most recognized products
- Extensive support and distribution network

Brand Elevation



Enhancing Product Durability



- Trusted by the World's Most Prestigious Brands
- From the 2012 Olympic Games swim goggles, to NASA Space Mission helmets, our premium coatings are used to enhance products where high performance is critical.
 - Best-in-class resistance to abrasion, chemicals, fingerprints, fog, impact, oil, scratches, static, and water
 - Exceptional optical clarity and environmental durability
- Global Manufacturing Capacity
 - Closely aligned to our global customers to deliver product, service, and support 24x7
 - ISO 9001: 2015 (Quality) and ISO 14001:2015 (Environmental) Certified



Innovative Product Solutions



What we can do together is boundless

Product Development Support

- Enhance your products' performance and brand image
- Leverage SDC's proprietary, patented technology
- Rely on consistent, certified products
- Access global JIT (Just-in-Time) delivery and support

Support Partnership for your Products

- Evaluation
- Qualification
- Implementation
- Commercialization
- Future development strategies





SDC

Technologies

sdctech.com

38 YEARS OF PRODUCT INNOVATION