



CrystalCoat®

PF-4200

ABRASION & CHEMICAL RESISTANCE

- Ophthalmic & Sunglass Eyewear
- Goggles & Vision Protection Devices
- Safety, Sports & Military Eyewear

High Performance Chemistry

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 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 and chemical resistance with exceptional product stability.

Proven Industry Reputation

With more than 36 years of product innovation, SDC's proprietary technologies are trusted by the world's most prestigious brands. CrystalCoat coatings were designed to elevate your brand by enhancing the durability and quality of your products.

Patented Technology

CrystalCoat® PF-4200 delivers improved adhesion to multiple substrates, and best-in-class abrasion and chemical resistance. Uniquely formulated for ophthalmic and other high performance applications where optical clarity and durability are required. Capable of meeting your dynamic production needs, PF-4200 is a multi-purpose, thermal cure coating suitable for dip coat applications. PF-4200 offers flexibility, primer-free adhesion to polycarbonate, and is compatible with anti-reflective and metalizing coating treatments.

SDC's optically clear coatings are formulated to maximize the performance and durability of eyewear. 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 eliminates the need for frequent tank changes outs, delivering outstanding value.

SDC
Technologies



CrystalCoat® PF-4200

PRODUCT OVERVIEW

- Exceptional Optical Clarity
- Dip Coat Application
- Flexible Performance Properties
- Compatible with AR & Metalizing Treatments

PERFORMANCE FEATURES

- Delivers best-in-class abrasion and chemical resistance
- Excellent product durability and stability
- Easy to use single coat system, meets demanding industry test requirements
- Exceptional primer-free adhesion to polycarbonate

PRODUCTION BENEFITS

- Manufactured under stringent ISO 9001:2015 quality standards, enhancing coating performance
- Long product service life reduces the need for frequent tank change-outs
- CrystalCoat streamlines manufacturing, enhancing yields and profitability
- Access to SDC's global technical support team for your product validation and application requirements

PRODUCT FEATURES

Description	Typical Values
Bayer Ratio	2.5-3.5
Refractive Index	1.49
% Solids	22-25



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