

PRODUCT DESCRIPTION

Cerakote® H-Series Ceramic Firearm Coatings are designed to provide a high-quality, long-lasting finish for firearms and firearm accessories. **Cerakote® H-Series** coatings are durable, corrosion-resistant and provide unparalleled levels of hardness and adhesion. These coatings are also resistant to most solvents and chemicals. The foundation for **Cerakote® H-Series** coatings is a unique ceramic technology that imparts both flexibility and excellent wear resistance to the final coating.

In addition to performance, the **Cerakote® H-Series** line of products is designed for ease of application. Each color is VOC-exempt and available in a two-component, oven-cure system.

Cure Schedule Options:

250°F for 2 hours

300°F for 1 hour

Cerakote® H-Series Ceramic Firearm Coatings are currently available in various metallic or non-metallic finishes and different gloss levels. Visit www.nicindustries.com to view a complete color chart.

Cerakote® H-Series Firearm Coatings are recommended for barrels, actions, frames, receivers, and firearm accessories. Contact a Cerakote® sales representative to determine which coating is appropriate for your application.

H-146 Graphite Black

Gloss Level (18:1)*	Velvet; 6.8 Gloss Units at 60°
Theoretical Solids by Weight	30% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	477 ft ²
Viscosity (Brookfield Viscometer)	105.85 cP
Recommended Film Thickness	1.0 mil
5% Salt Spray (ASTM B117)	2,280 hours
Pencil Hardness (ASTM D3363)	9h
Scratch Hardness (ASTM D3363)	7h
Adhesion Cross-Cut Tape (ASTM D3359)	5B
Mandrel Bend (ASTM D522)	No coating loss with 180° rotation
Impact (ASTM D2794)	160/160 inch-lbs
Abrasion (ASTM D4060)	6,666 cycles per mil
Dielectric Strength (ASTM D149)	13.5 kV/mm
Thermal Emissivity	0.95
Density (g/mL)	1.41
Dynamic CoF over SS (ASTM D1984)	0.233

SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.

*Results based on coated blasted steel cured at 250 °F for 2 hours immediately after application.

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The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.