

PRODUCT DESCRIPTION

The World's leading thin film coating. **Cerakote® H-Series** is a line of ceramic-polymer hybrid coatings that is designed to provide unmatched performance with an attractive and desirable finish.

Cerakote® H-Series coatings provide exceptional corrosion protection, hardness, adhesion, flexibility, impact, chemical and wear resistance. These industry leading performance characteristics are all achieved at low film thickness, making H-Series an ideal surface finish for a wide range of applications, especially those with tight tolerance requirements. **Cerakote® H-Series** is compatible with a wide variety of substrate materials, exhibiting excellent adhesion to metals, plastics, polymers, wood, glass, fiberglass and carbon fiber composites.

Recommended applications include, but are not limited to: Firearms, knives, tools, eye wear, consumer electronics, wearables, valves, sporting and athletic equipment, robotics, audio equipment, fresh and salt water applications and any other application requiring a tough and durable performance coating.

Cerakote® H-Series coatings are a two-component, easy-to-apply, oven cure system that are VOC exempt in all 50 States. In addition to industry leading performance, these coatings have one of the lowest cost per square foot of any comparable coating on the market. Refer to product specific SDS with your local, state and federal regulations to ensure VOC compliance.

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.

H-258 Chocolate Brown

Gloss Level (18:1)*	Flat; 3.0 Gloss Units at 60°
Theoretical Solids by Weight	30.5% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	488.42 ft ²
Viscosity (Brookfield Viscometer)	97.15 cP
Recommended Film Thickness	0.5 mil to 2.0 mils
5% Salt Spray (ASTM B117)	TBD hours
Gouge Hardness (ASTM D3363)	7h
Scratch Hardness (ASTM D3363)	6h
Adhesion Cross-Cut Tape (ASTM D3359)	5B
Mandrel Bend (ASTM D522)	0 mm loss with 180° rotation
Impact (ASTM D2794)	160/160 inch-lbs
Density (g/mL)	1.36

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