

**CERAKOTE™** - A division of NIC Industries, Inc. 7050 Sixth Street, White City, OR 97503  
 Phone: 541-826-1922 / Fax: 541-826-6372 / [www.nicindustries.com](http://www.nicindustries.com)

## 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 45 minutes

Cerakote™ **H-Series** Ceramic Firearm Coatings are currently available in several metallic or non-metallic finishes and different gloss levels. Visit [www.nicindustries.com](http://www.nicindustries.com) to view a complete color chart.

**Cerakote™ H-Series Firearm Coatings are recommended for barrels, actions, frames, receivers, and firearm accessories.**

## H-170 TITANIUM

SPECIFICATION	18:1	24:1
Gloss Level	Matte Metallic; 2.0 Gloss Units at 60°	Matte Metallic; 2.0 Gloss Units at 60°
Theoretical Solids by Weight	31% +/- 2%	30% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	497 ft <sup>2</sup>	481 ft <sup>2</sup>
Viscosity #2 Zahn Cup	14 seconds	14 seconds
Recommended Film Thickness	1.0 mil	1.0 mil
5% Salt Spray (ASTM B117)	500 hrs	500 hrs
Pencil Hardness (ASTM D3363)	9h	9h
Scratch Hardness (ASTM D3363)	7h	7h
Adhesion Cross-Cut Tape (ASTM D3359)	5B	5B
Mandrel Bend (ASTM D522)	180° rotation; ¼" mandrel	180° rotation; ¼" mandrel
Impact (ASTM D2794)	160 / 160 inch-lbs	160 / 160 inch-lbs
<b>SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.</b>		

NIC Industries, Inc. does not warranty the use or application of the materials it manufactures or supplies. Our only obligation shall be to replace any defective materials supplied by us or refund the original purchase price of that product after we have determined the product to be defective. We assume no liability for damages of any kind and the user accepts the product "as is" and without any warranties, expressed or implied. The suitability of the product and/or intended use shall be solely the responsibility of the user. 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.