

CERAKOTE™ · A division of NIC Industries, Inc. 7050 Sixth Street, White City, OR 97503
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PRODUCT DESCRIPTION

The Cerakote™ **V-Series** High-Temperature Ceramic Coatings are designed to protect metal substrates in high-temperature applications. Cerakote™ **V-Series** High-Temperature products are practical, performance-based coatings intended for exhaust systems and engine components. Additionally, Cerakote™ **V-Series** coatings are durable and resistant to thermal shock.

V-Series High-Temperature Ceramic coatings are VOC-exempt and are quickly oven-cured for maximum turnover.

Cure Schedule:

1 hour at 500°F

V-Series High-Temperature Ceramic Coatings are currently available in several matte, metallic and non-metallic finishes. Visit www.nicindustries.com to view a complete product listing and color chart.

Cerakote™ V-Series High-Temperature Ceramic Coatings are recommended for engine components, high-temperature applications, and exhaust systems.

V-171 TURBINE COAT

Temperature Stability	1700°F
Gloss Level	Matte; 6.3 Gloss Units at 60°
Theoretical Solids by Weight	59% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	946 ft ²
Viscosity #2 Zahn Cup	14 seconds
Recommended Film Thickness	1.0 mil
5% Salt Spray (ASTM B117)	350 hrs/ 1000 hrs with base coat
Pencil Hardness (ASTM D3363)	5h
Scratch Hardness (ASTM D3363)	4h
Adhesion Cross-Cut Tape (ASTM D3359)	5b
Mandrel Bend (ASTM D522)	0 mm coating loss at 180° rotation
Impact (ASTM D2794)	40/20 inch-lbs

SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.

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. 092110