

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, resistant to thermal shock and designed to withstand extreme use temperatures (1,800°F). **V-Series** High Temperature Ceramic Coatings are VOC exempt and are quickly oven cured for maximum turnover.

Cure Schedule:
Preheat parts to 500°F
500°F for 1 hour

Cerakote V-Series are available in several metallic and non-metallic finishes and different gloss levels. Visit www.cerakote.com to view a complete color chart.

Contact a Cerakote sales representative to determine which coating is appropriate for your application.

V-171 TURBINE COAT

Gloss Level*	5 Gloss Units at 60°
Theoretical Solids by Weight	59% \pm 2%
Theoretical Coverage per gallon at 1.0 mil	946 ft ²
Viscosity	35 cP
Recommended Film Thickness	1 - 2 mil
5% Salt Spray (ASTM B117)	TBD
Pencil Hardness (ASTM D3363)	9H
Scratch Hardness (ASTM D3363)	8H
Adhesion Cross-Cut Tape (ASTM D3359)	5B
Mandrel Bend (ASTM D522)	99% Resistance
Impact (ASTM D2794)	80/80 inch-lbs
Density (g/mL)	1.33 g/mL
Strainer Size	100

*Results based on coated blasted steel cured at 500°F for 1 hour immediately preheating parts.

Shelf Life: 12 Months from date of shipment

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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.