Cerakote is a ceramic polymer based proprietary formulation that offers industry leading durability, hardness, scratch resistance, corrosion resistance, flexibility, heat and chemical resistance. Cerakote can be applied to most substrates including metals, plastics, polymers, composites, hydrographics and PVD.
WE ARE the most respected brand in the world that formulates and manufactures proprietary thin film coatings for customers who demand the highest performance to achieve protection, customization, and/or restoration.

WE ARE elite creators and advocates who set the standard and strive to outperform it. We want to be the perfect finish.

WE ARE deliberate and continuously analyzing, improving, and implementing. Our goal is to make the finish matter. Come, make your statement.

WE ARE innovative, offering unrivaled advantages. There is nothing else like Cerakote. We measure success through applicator growth.

WE INSPIRE, create, and drive demand for distinct premium attributes with Cerakote quality.

WITH A STRONG industry-leading reputation there is pride of ownership. You can’t deny our unstoppable momentum.

CERAKOTE
Never Settle. Finish Strong.
**ELITE SERIES**

**Oven Cure**

9+ Colors

**Common Uses:** Firearms, knives, eyewear, consumer electronics, salt water applications, valves, and more.

**Attributes:**
- Corrosion Resistance
- Chemical Resistance
- UV Stability
- Durability/Hardness
- Coefficient of Friction
- Temperature Stability

- See Page 3 -

---

**H SERIES**

**Oven Cure**

100+ Colors

**Common Uses:** Firearms, eyewear, consumer electronics, salt water applications, valves, and more.

**Attributes:**
- Corrosion Resistance
- Chemical Resistance
- UV Stability
- Durability/Hardness
- Temperature Stability

- See Page 4 -

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**HIGH TEMP**

**Air & Oven Cure**

12+ Colors

**Common Uses:** Barrels, suppressors, exhaust, heat exchangers, industrial, automotive components, and more.

**Attributes:**
- Corrosion Resistance
- Chemical Resistance
- UV Stability
- Durability/Hardness
- Temperature Stability

- See Page 5 -

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**GEN II NiR**

**Oven Cure**

8+ Colors

**Common Uses:** Firearms, eyewear, consumer electronics, salt water applications, valves, and more.

**Attributes:**
- Corrosion Resistance
- Chemical Resistance
- UV Stability
- Durability/Hardness
- Temperature Stability

- See Page 6 -

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**CLEAR**

**Air & Oven Cure**

The World’s Strongest Clear Coatings

**Common Uses:** Architectural Cladding, Aluminum, Steel, Stainless Steel, Composites, Plastics, PVD, Hydrographics, and more.

**Attributes:**
- Corrosion Resistance
- Chemical Resistance
- UV Stability
- Durability/Hardness
- Temperature Stability

- See Pages 7 & 8 -

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**SPECIALTY**

**Air & Oven Cure**

Products Designed with Specific Performance Attributes

Each Specialty Coating has been designed with specific performance attributes while maintaining the industry leading physical and chemical performance of Cerakote in a single coat, thin film coating.

**Coatings:**
- H-900 Electrical Barrier
- C-110 Micro Slick
- C-186 & V-136 Piston Coatings
- HIR-Series GEN II NiR
- C-187 Transfer Grey Heat Dissipation
- W-400 Glacier Chrome

- See Page 9 -
ELITE SERIES

We’ve Taken H-Series To The Next Level.

WHY CHOOSE ELITE?

• **Increased** Abrasion, Corrosion and Chemical Resistance
• **Very Low** Coefficient Of Friction, Rivaling Teflon®
• **Engineered** For A Distinctive High-End Look and Feel

Technical & Performance Data

- Theoretical Solids by Weight.......................... 42.5 +/- 2%
- Theoretical Coverage per Gallon at 1.0 mil........ 680 ft²
- Viscosity (Brookfield Viscometer)..................... ~45 cP
- Recommended Film Thickness (Max up to 2 mils) 0.5-1.0 mil
- Adhesion Cross-Cut Tape (ASTM D3359)............ 5B
- Impact (ASTM D2794)....................................... 160/160 inch/lbs.
- Mandrel Bend (ASTM D522).............................. 0mm loss @ 180° Rotation
- Liquid Density (g/mL) ..................................... 1.40
- Gloss Level.................................................. Matte, 7-10 Gloss Units
- ASTM D3363 Exceeds 9h scratch and gouge hardness
- ASTM D4060 Taber abrasion greater than 8000 wear cycles per mil
- ASTM B117 Corrosion resistance more than 3000 hours
- ASTM D2794 Direct and indirect impact resistance of 160 in-lbs.
- ASTM D522 0mm coating loss at 180° mandrel bend

Cerakote Elite Series is available in 9 modern, earth-tone colors that can be mixed or patterned to create custom, high-performance finishes.

E-100 Blackout | E-110 Midnight | E-120 Smoke | E-160 Concrete | E-140 Jungle | E-130 Earth | E-150 Sand | E-170 Coyote M17 Tan | E-190 “20150”
H-SERIES

The Unrivaled Leader In Thin Film Protective Coatings.

WHY CHOOSE H-SERIES?

- **Superior** Corrosion, Wear, Impact, Scratch and Chemical Resistance
- **Maximum** Hardness, Durability, Flexibility and Adhesion
- **Excellent** Sprayability, Coverage and Consistency

Technical & Performance Data

- Theoretical Solids by Weight .................................. 30 - 60%
- Theoretical Coverage per Gallon at 1.0 mil........... 480 - 960 ft²
- Viscosity (Brookfield Viscometer)......................... 60 - 120 cP
- Recommended Film Thickness ......................... 1.0 mil
- Adhesion Cross-Cut Tape (ASTM D3359)........... 5B
- Impact (ASTM 2794).................................................. 160/160 inch/lbs.
- Mandrel Bend (ASTM D522)............................... 0mm loss @ 180° Rotation
- Liquid Density (g/mL) ........................................... 1.36 - 1.45

Recommended for any application requiring a tough, thin and durable finish including but not limited to:

- Firearms
- Knives
- Tools
- Valves
- Consumer electronics
- Salt water applications
- Eyewear
- Wearables
- Travel cups/mugs
- And more

OVER 100 COLORS

Product Specific Technical Data Sheets Are Available At Cerakote.com
Unsurpassed. No other word can adequately describe the Cerakote line of high temperature ceramic coatings. Formulated to withstand temperatures up to 2,000 degrees Fahrenheit, the Cerakote high temperature ceramic coatings outperform all other high temperature coatings in the most extreme environments.

The Cerakote High Temperature Coatings Advantage:

• Better thermal barrier properties than any other high temperature coatings.
• Industry leading heated and un-heated corrosion resistance.
• Withstands thermal shock without degrading or losing color.
• Extremely high chemical resistance (specific chemical performance available by request).
• VOC exempt in all 50 states.

Industry Leading Attributes:

• Ultra smooth, sleek, rich finish
• Easy single coat application
• Air and oven cured options
• Excellent coverage
• Self-leveling

Recommended for high temperature applications including the following:

• Automotive Components
• Exhaust & Headers
• Aluminum Wheels
• Brakes & Calipers
• Turbos & Manifolds
• Full Auto Barrels
• Suppressors
• Muzzle Brakes
• Industrial Gas & Oil
• Heat Exchangers
• And more

Technical & Performance Data

• Adhesion (ASTM D3359).................................................. 5B (Excellent)
• Theoretical Solids by Weight........................................... 45-75%
• Theoretical Coverage per Gallon at 1.0 mil.................. 300-700 ft²
• Viscosity (Brookfield Viscometer)................................. 20-200 cP
• Recommended Film Thickness................................. 1.0 mil
  (Max up to 2 mils)
• Impact (ASTM 2794)......................................................... 72/20 to 100/40 inch/lbs.
• Mandrel Bend (ASTM D522)............................................. 2 mm@180° Rotation
• Salt Spray (ASTM B117)..................................................... 515 - 1051 Hours
  (5% Salt Concentration @ 95°F)
• Liquid Density (g/mL).................................................. 1.26 - 1.47
Cerakote Gen II Coatings* are the next generation of firearm coatings developed specifically for military small arms and crew-served weapon applications where a capability is needed to manage the visual and near-infrared signature (not thermal) while at the same time enhancing durability, reliability and maintainability. In addition to the signature management capability of night optical devices, Cerakote Gen II offers superior wear and corrosion resistance under a wide variety of adverse environmental conditions likely to be encountered in all theaters of operation.

Cerakote Gen II is designed to conform to the NIR reflectivity standards outlined in United States Military Specification MIL-C-53039D, MIL-DTL-44436, as well as Australian Defense Standard DEF(AUST) 8746.

*NIC Industries restricts the sale of Gen II coatings to military and law enforcement agencies only.
Clear Coatings
The World’s Strongest Clear Coat

All Cerakote Ceramic Clears have industry leading durability, hardness, scratch resistance, flexibility and chemical resistance. Cerakote Clears have been designed specifically to be the thinnest, yet strongest, clear coating on the market and can be applied to nearly any substrate, from Hydrographics and Composites, to Metals and Plastics.

Product Attributes

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Product Specific Technical Data Sheets Are Available At ClearCoating.com

CERAKOTE.COM | 1-866-774-7628
CLEAR COATINGS
The World’s Strongest Clear Coat™

Choose The Right Clear For Your Application

- Hydrographics
  - High Gloss
  - Matte
  - Clear over PVD
  - Clear over Hydrographics

- Plastics
  - High Gloss
  - Matte

- Composites
  - <500°F
    - High Gloss: MC-160
    - Matte: MC-161
  - 500 - 1000°F
    - High Gloss: MC-156
    - Matte: MC-157

- Metals
  - UV Production
    - <500°F
      - High Gloss: MC-160
      - Matte: MC-161
    - 500 - 1000°F
      - High Gloss: MC-156
      - Matte: MC-157
  - NO
    - <500°F
      - Air Cured: MC-156
      - Oven Cured: MC-157
    - 500 - 1000°F
      - High Gloss: MC-156
      - Matte: MC-157

* Operating Temperature (Thermal Tolerance)

Product Specific Technical Data Sheets Are Available At ClearCoating.com
CERAKOTE.COM | 1-866-774-7628
SPECIALTY SERIES

Products Designed With Specific Performance Attributes

Each Specialty Coating has been designed with specific performance attributes and maintains the industry leading physical and chemical performance of Cerakote in a single coat, thin film coating.

**Electrical Barrier**

Electrical barrier coating with a low dielectric constant

- **H-900**
- Oven Cure | Recommended Film Thickness: 1.0 mil

**Micro Slick**

Low coefficient of friction coating for high temperature applications

- **C-110**
- Air Cure | Recommended Film Thickness: 0.25 mils

**Piston Coatings**

Low thermal conductive coatings, used primarily on top of pistons, engine valves and combustion chambers to insulate and reduce heat transfer

- **C-186**
- Air & Oven Cure | Recommended Film Thickness: 1.0 mil

**GEN II NiR**

Near-infrared Signature Management

- **HIR SERIES**
- Oven Cure | Recommended Film Thickness: 1.0 mil | See Page 6

**Transfer Grey Heat Dissipation**

High thermally conductive coatings, used primarily for radiators, intercoolers and heat exchangers

- **C-187**
- Air Cure | Recommended Film Thickness: 1.0 mil

**Glacier Chrome**

Polished Chrome-Like High Temperature Ceramic Coating (Chrome Free)

- **W-400**
- Air Cure | Recommended Film Thickness: 1.0 - 2.0 mils

Product Specific Technical Data Sheets Are Available At Cerakote.com & CerakoteHighTemp.com

CERAKOTE.COM | 1-866-774-7628