

FOR INFORMATION ON OTHER CERAKOTE PRODUCTS  
VISIT [CERAKOTE.COM](http://CERAKOTE.COM)

# CERAKOTE®

AN INNOVATION OF **NIC INDUSTRIES**  
866.774.7628 White City, Oregon 97503



## C-SERIES / AIR CURE

**Over 50 colors, temperatures up to 1,800°F.**

**Common Uses:** Automotive, wheels, exhaust systems, architectural, lighting, hardware, optics and more.

CORROSION RESISTANCE	★★★★★
DURABILITY / HARDNESS	★★★★★
UV STABILITY	★★★★★
CHEMICAL RESISTANCE	★★★★★
THERMAL STABILITY	★★★★★

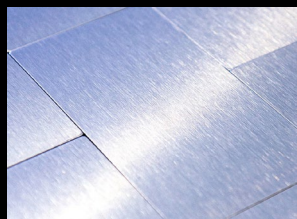


## V-SERIES / OVEN CURE

**Best performing ultra-high temperature coatings.**

**Common Uses:** Exhaust systems, headers, turbos, manifolds, furnaces, barrels, industrial and more.

CORROSION RESISTANCE	★★★★★
DURABILITY / HARDNESS	★★★★★
UV STABILITY	★★★★★
CHEMICAL RESISTANCE	★★★★★
THERMAL STABILITY	★★★★★



## PERFORMANCE CLEARS

**Ceramic clear coatings with unmatched performance.**

**Common Uses:** Metals (including all common alloys of aluminum), composites, plastics, PVD, Hydrographics and more.

- / ALUMINUM
- / COMPOSITES
- / PLASTICS
- / PVD
- / HYDROGRAPHICS



## SPECIALTY COATINGS

**Cerakote coatings with specific performance.**

**Common Uses:** Electrical components, pistons, exhaust, headers, valves, radiators and more.

- / NIR
- / DIELECTRIC
- / HIGH THERMAL EMISSIVITY
- / LOW THERMAL EMISSIVITY
- / CONSUMER AUTO & HOME PRODUCTS

Learn more and see what is offered for Specialty Coatings at [Cerakote.com](http://Cerakote.com)

# ELITE & H-SERIES PRODUCT GUIDE

## THE UNRIVALED LEADER IN THIN-FILM CERAMIC POLYMER HYBRID COATINGS

Cerakote is a ceramic polymer base 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.



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866.774.7628 | 7050 Sixth Street | White City, Oregon 97503

# ELITE SERIES

OUR HIGHEST PERFORMING THIN FILM COATING

## WHY CHOOSE ELITE SERIES?

- / **INDUSTRY LEADING** Abrasion, Corrosion and Chemical Resistance
- / **OUR LOWEST** Coefficient of Friction, Rivaling Teflon®
- / **ENGINEERED** For a Distinctive High-End Look & Feel



## AVAILABLE IN A VARIETY OF COLORS

VISIT CERAKOTE.COM TO SEE OUR AVAILABLE COLORS

## Elite Series Technical & Performance Data

- / Theoretical Solids by Weight: 34% - 54%
  - / Theoretical Coverage per Gallon at 0.75 mil: 721 ft<sup>2</sup> - 1,153 ft<sup>2</sup>
  - / Viscosity: 22 cP - 101 cP
  - / Recommended Mil Thickness: 0.60 - 1.10 mil
  - / Adhesion (ASTM D3359): 5B
  - / Impact (ASTM D2794): 160/160 in-lbs
  - / Mandrel Bend (ASTM D522): 100% Resistance @ 180° Bend
  - / Density: 1.36 g/mL - 1.51 g/mL
  - / Gloss Level: 4 - 19 Gloss Units
- ASTM D3363:**  
Performs at 9H/8H for gouge/scratch hardness
- ASTM D4060:**  
Up to 5,100 wear cycles per mil
- ASTM B117:**  
Corrosion resistance more than 3,000 hours



## ELITE SERIES

**Our highest performing thin-film coating.**

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

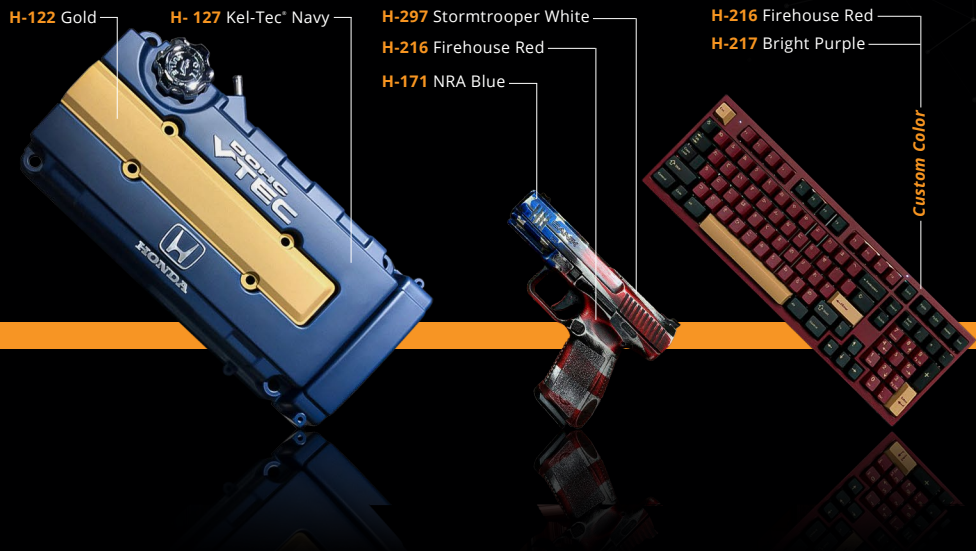
CORROSION RESISTANCE	★★★★★★
DURABILITY / HARDNESS	★★★★★★
UV STABILITY	★★★★★★
CHEMICAL RESISTANCE	★★★★★★
THERMAL STABILITY	★★★★★★

# H SERIES

THE UNRIVALED LEADER IN THIN FILM CERAMIC COATINGS

## WHY CHOOSE H-SERIES?

- / **SUPERIOR** Corrosion, Wear, Impact, Scratch and Chemical Resistance
- / **MAXIMUM** Hardness, Durability, Flexibility and Adhesion
- / **EXCELLENT** Sprayability, Coverage and Consistency



## AVAILABLE IN OVER 135 COLORS

VISIT CERAKOTE.COM TO ORDER YOUR COLOR SWATCHES

## H-Series Technical & Performance Data

- / Theoretical Solids by Weight: 27% - 48%
- / Theoretical Coverage per Gallon at 0.25 - 2.00 mil: 254 ft<sup>2</sup> - 1,625 ft<sup>2</sup>
- / Viscosity: 8 cP - 175 cP
- / Recommended Mil Thickness: 1.00 - 2.00 mil\*
- / Adhesion (ASTM D3359): 5B
- / Impact (ASTM D2794): 160/160 in-lbs
- / Mandrel Bend (ASTM D522): 100% Resistance @ 180° Bend
- / Density: 1.26 g/mL - 1.62 g/mL
- / Gloss Level: 1 - 176 Gloss Units

\*For H-300, H301 & H-900 see the TDS for recommended mil thickness.



## H-SERIES

**The world's leading thin-film coating.**

**Common Uses:** Firearms, eye-wear, consumer electronics, salt water applications, fitness equipment and more.

CORROSION RESISTANCE	★★★★★★
DURABILITY / HARDNESS	★★★★★★
UV STABILITY	★★★★★★
CHEMICAL RESISTANCE	★★★★★★
THERMAL STABILITY	★★★★★★