



Kalgard[®] 094 Line Coatings for Rubber-to-Metal Bonding

A Coating to Meet your Bonding Needs

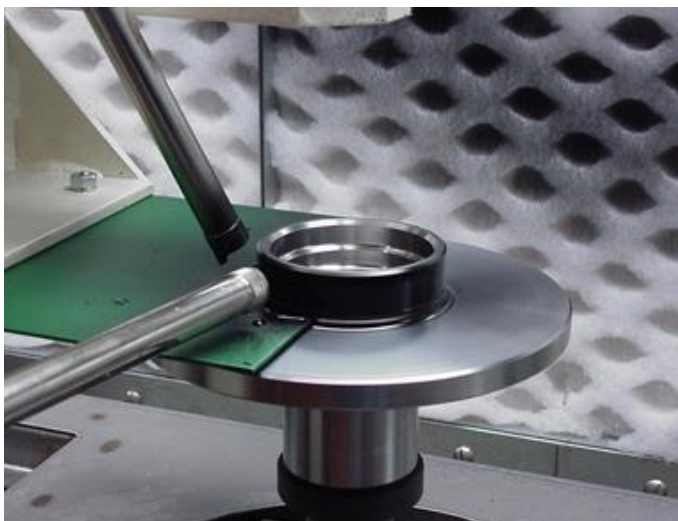
Today's technical standards such as cyclic corrosion tests demand rubber-to-metal bonded parts that provide exceptional elastomeric bond strength, and years of under-hood and under-carriage service with little change in appearance. Automotive OEMs demand finishes that provide outstanding weathering against over 500 hours of salt spray and humidity, minimal color change, and hold up against aggressive chemicals such as gasoline, motor oil, brake fluid and antifreeze.

Kalcor Coatings Kalgard[®] 094 Line waterborne coatings for steel components meet this challenge. The Kalgard[®] system is a water-based, cost-efficient coating solution ideal for coating a wide range of steel components such as motor mounts, bearings, bushings, and other suspension, anti-noise and anti-vibration components that are rubber bonded. This material has been specially engineered to be compatible with popular adhesives such as Lord Chemlok[®] materials.



Kalgard[®] 094 Line Waterborne Coatings: A Safer Plant and a Cleaner World

Kalgard[®] 094 Line waterborne primers and topcoats provide affordable protection in an easy-to-work-with, worker-safe package that reduces VOCs and harmful solvents. Since Kalgard[®] 094 Line waterborne coatings will completely air dry on preheated parts, or can be accelerated with low-temperature heat (150°F), they are ideal for rubber-to-metal bonded components and assemblies that cannot withstand higher bake oven temperatures, or for manufacturers who want to cut down on energy costs. The Kalgard[®] 094 Line has been validated on numerous automotive OEM parts, meeting the most demanding corrosion and chemical-resistance standards. Kalcor's chemistry provides extreme functionality combined with a tough, attractive surface. The Kalgard[®] 094 Line waterborne product can be formulated in colors as required.



Kalgard[®] 094 Line Waterborne Performance

- ✓ Exceeds automotive OEM salt spray, humidity and cyclic corrosion test standards.
- ✓ Exceeds automotive chemical resistance requirements for fluids such as gasoline, oil, brake fluid and antifreeze.
- ✓ Environmentally-friendly and worker-safe waterborne coating.
- ✓ Engineered for compatibility with rubber-to-metal bonding using adhesives such as Lord Chemlok[®]



Kalgard® 094 Line Waterborne Coating Data

Property	Specification range
Carrier	Waterborne
Film Thickness	1.0 – 3.0 mils DFT depending on substrate
Cure Schedule	Air dry to handle 30 min. @ 77°F/50% humidity, preheated parts up to 140°F, or accelerated cure for 3-5 min. at 150°F
V.O.C.	0.5 – 0.75 pounds per gallon
Coverage	564-629 sq. ft./gal. @ 1 mil DFT
Application	Air-spray, HVLP, and electrostatic or Dip
Substrate	Properly cleaned, pretreated, ferrous substrates

Note: The data presented here are general specifications for typical Kalgard® 094 Line coatings. Please refer to the Product Data Sheet for specific products.

Kalcor: A Proven Reputation

Kalcor Coatings of Willoughby, Ohio, supplies engineered coatings to OEM, tier automotive, and industrial parts manufacturers worldwide. Kalcor products range from decorative coatings for interior and exterior plastic trim to functional coatings for extreme corrosion protection under the most demanding conditions. The Kalgard® 094 Line waterborne coating system was designed for parts that must look attractive *and* meet the stringent OEM performance standards for rubber-to-metal bonded parts. Kalcor's coatings protect automotive components made by the world's leading suppliers of under-hood and under-carriage components.

Kalcor prides itself on being "the right-size" coating supplier: big enough to tackle difficult challenges that require talented people and the best technical resources, yet small enough to be responsive to our customers' needs. We specialize in developing highly engineered coatings that combine high performance and cosmetic appearance.



Let Kalcor Show You...

Find out how much easier working with a right size paint company can be.

Contact our Kalgard® 094 Line coating specialist, Tiffany Betzhold, to get started on solving your coating problem today.

