



MAGNI 511

Magni 511 is a chrome-free duplex fastener coating system that combines an inorganic zinc-rich basecoat with an organic topcoat.

Magni 511 is engineered with integrated friction modifiers to eliminate the need for sealers or post coating lubricants and ensures repeatable torque/tension characteristics in assembly.

Magni 511 is designed for use on fasteners such as nuts, bolts, and other miscellaneous hardware. The coating can be applied via dip/spin, dip/drain, or spray application methods and is available in multiple colors. Magni 511 is currently the preferred finish on nuts at many of the automotive manufacturers.

Performance Data:

| | |
|---|---------------|
| Salt Spray ASTM B117 | 480 Hours |
| Cyclic Corrosion Resistance | |
| GM9540P | 80 cycles |
| SAEJ2334 | 30 cycles |
| Volvo VCS 1027,149 | tbd |
| Coefficient of Friction Coefficient of Friction Tested per DIN 946 ±.03 | 0.15 |
| Coating Thickness | 15-20 microns |

Specifications:

| | |
|----------------|----------------------|
| Ford | S441 (WSS-M21P37-A2) |
| General Motors | GM7111M, GMW14100 |
| Chrysler | PS-7626 |
| Delphi | DX550041 |
| TRW | TS 2-25-60, Class B |
| Int'l Truck | TMS-4518, Type II |
| ASTM | F1137-00, Grade II |
| Arvin Meritor | P92 |

