



# 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** 480 Hours  
ASTM B117

**Cyclic Corrosion Resistance**  
GM9540P 80 cycles  
SAEJ2334 30 cycles  
Volvo VCS 1027,149 tbd

**Coefficient of Friction** 0.15  
Coefficient of Friction Tested per DIN 946 ±.03

**Coating Thickness** 15-20 microns

## Specifications:

Ford S441 (WSS-M21P37-A2)  
General Motors GM7111M, GMW14100  
Chrysler PS-7626  
Delphi DX550041  
Hendrickson Truck Suspension 26408-H9  
TRW TS 2-25-60, Class B  
Int'l Truck TMS-4518, Type II  
ASTM F1137-00, Grade II  
Arvin Meritor P92

