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MAGNI 501

ZINC ELECTROPLATE REPLACEMENT FINISH

Magni 501 is a globally available chrome-free, inorganic zinc-rich corrosion protection coating engineered for use on fasteners and other metal components. An ideal replacement coating for zinc plating and trivalent passivation, Magni 501 is applied as a thin, paintable coat that provides exceptional corrosion protection in a single layer. The result is superior performance compared to conventional zinc plating.

- Alleviates hydrogen embrittlement concerns
- Applied via dip-spin with tilt and tumble to minimize recess fill
- Excellent protection against aluminum
- Consistent torque-tension relationship
- No waste treatment
- Resistant to automotive fuels and fluids
- RoHS, WEEE, ELV and REACH compliant



PERFORMANCE DATA:

Acceptable pretreatments	Zinc phosphate or shot blast
Coating thickness	8-10 microns
Coefficient of friction ISO 16047:	0.18 ± 0.03
Color	Black; gold; silver
Salt spray ATSMB117:	240+ hours

