

MAGNI 506

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FASTENER
COATING



Magni 506 is a chrome-free organic topcoat. Typically applied to stainless steel externally threaded fasteners, stampings and other types of hardware, Magni 506 is engineered for use on parts exposed to high amounts of ultraviolet (UV) rays and other harsh outdoor elements. Magni 506's system is applied via dip-spin or spray application methods and provides superior corrosion protection and cost-effectiveness.

- Excellent bimetallic corrosion resistance
- Alleviates hydrogen embrittlement concerns
- Repeatable torque tension characteristics during assembly as a result of friction modifiers integrated into topcoat
- Resistant to acids and alkalis, and automotive fuels and fluids
- RoHS, WEEE and ELV compliant

PERFORMANCE DATA*:

Coating thickness 11 microns minimum
(2 coats of P136 Black)

Color Semi-gloss Black

Coefficient of friction
ISO 16047: 0.10 ± 0.03

Salt spray
ASTM B117: 1,000 hours

UV testing
SAE J1960/ISO 11507: 1,000 hours
UL 1332 1,200 hours

OEM SPECIFICATIONS:

Mercury Marine



*Typical Values - refer to OEM Specifications and Magni Application Guidelines for official specifications