

MAGNI 516

MAGNI 516 FASTENER COATING



Magni 516 is a chrome-free hybrid coating that combines electroplated zinc/nickel and hex-chrome-free passivated substrate with an aluminum-rich organic topcoat. A coating that can be engineered to specific coefficient-of-friction needs, Magni 516 is offered with exempt solvents and typically applied to fasteners, including nuts, bolts and other hardware. Magni 516 can be applied via dip-spin or spray application methods.

PERFORMANCE DATA*:

Coating thickness 10-18 microns

Coefficient of friction
ISO 16047: 0.18 ± 0.03

Color Bright silver

Cyclic corrosion resistance
Ford L467: 12 cycles
GM9540P: 80 cycles
SAEJ2334: 60 cycles

Salt spray
ASTM B117: 1,000 hours minimum

OEM SPECIFICATIONS:

Ford WSA-M1P87-A1



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