

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