

MAGNI 511 FASTENER COATING



Magni 511 is a chrome-free duplex corrosion protection coating that combines an inorganic zinc-rich basecoat with an organic topcoat and is engineered for use on fasteners, including nuts, bolts and other hardware. Formulated with integrated friction modifiers to eliminate the need for sealers or post-coating lubricants, Magni 511 ensures repeatable torque/tension characteristics in assembly and is applied via dip-spin, dip-drain or spray application methods.

PERFORMANCE DATA*:

Coating thickness	5 microns minimum (topcoat) over 7 microns minimum (basecoat)
Coefficient of friction ISO 16047:	0.15 ± 0.03
Color	Silver
Cyclic corrosion resistance GMW 14872: SAEJ2334: Volvo VCS 1027,149:	70 cycles 20 cycles TBD
Salt spray ASTM B117:	480 hours

OEM SPECIFICATIONS:

Arvin Meritor	P92
ASTM	F1137-00, Grade II
Delphi	DX550041
FCA	PS-7626
Ford	WSD-M21P11-B1, WSS-M21P37-A2 (S441)
General Motors	GM 7111M, GMW 14100
Hendrickson Truck Suspension	26408-H9
Navistar	TMS-4518, Type II
TRW Automotive	TS 2-25-60, Class B



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