

MAGNI 520

MAGNI 520 FASTENER COATING



Magni 520 is a chrome-free duplex coating that combines electroplated zinc and hex-chrome-free passivated substrate with an organic topcoat. Typically applied to externally threaded fasteners, stampings and other types of hardware, Magni 520 is engineered for use on parts exposed to high amounts of ultraviolet (UV) rays and other harsh outdoor elements. Magni 520's two-coat system is applied via dip-spin or spray application methods and provides superior corrosion protection and cost-effectiveness.

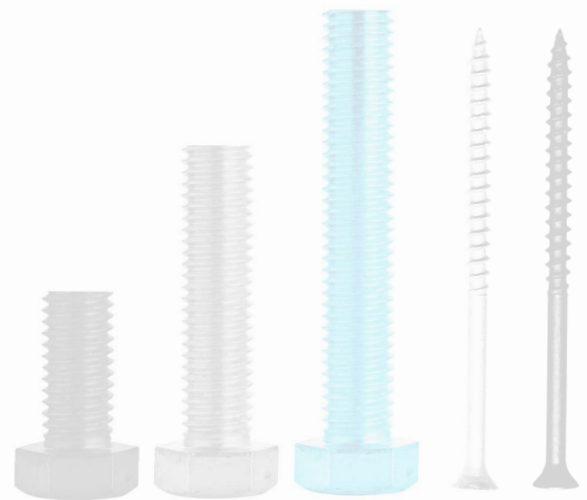
- Excellent bimetallic corrosion resistance
- Repeatable torque tension characteristics during assembly as a result of friction modifiers integrated into topcoat
- Resistant to acids and alkalis, and automotive fuels and fluids
- RoHS, WEEE and ELV compliant

PERFORMANCE DATA:

Coating thickness	5-8 microns (topcoat) over 8-10 microns zinc plate (basecoat)
Color	Various, glossy
Coefficient of friction*	
ISO 16047:	Various, range from 0.11 to 0.18
Salt spray	
ASTM B117:	1,000 hours
UV testing	
SAE J1960/ISO 11507:	1,000 hours
UL 1332:	1,200 hours
Kesternich	
DIN EN ISO 6988:	15 cycles

OEM SPECIFICATIONS:

Lennox International	ES 0288
Siemens AG	A6 Z000



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