

MAGNI 525

MAGNI 525 FASTENER COATING



Magni 525 is a chrome-free duplex coating that combines an inorganic zinc-rich basecoat with an organic topcoat. Typically applied to externally threaded fasteners, stampings and other types of hardware, Magni 525 is engineered for use on parts exposed to high amounts of ultraviolet (UV) rays and other harsh outdoor elements. Magni 525'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
- 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	8-10 microns (topcoat) over 8-10 microns (basecoat)
Color	Various, glossy
Coefficient of friction ISO 16047:	0.10 ± 0.03
Salt spray ASTM B117:	1,000 hours
UV testing SAE J1960/ISO 11507: UL 1332	1,000 hours 1,200 hours

OEM SPECIFICATIONS:

Lennox International ES 0288
Trane/American Standard



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