

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*	Various, range from 0.08 to 0.24
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

Yellow	P30	
	RAL1012	
Grey	P125	
	RAL9007	
Grey	P126	
	RAL9022	
Trane Grey	P128T	
	RAL7033	
Dark Grey	P130	
	RAL7024	
Black	P136	
	RAL9011	
Brown	P137GG	
	RAL7022	
Silver	P145/P145E	
	RAL9006	
Blue	P150	
	RAL5015	
Antique Gold	P190	
	RAL1036	
White	P229W	
	RAL9003	
Blue	P250	
	Metallic RAL5015	
Blue	P251	
	RAL5010	
Clear	P426	
	Clear	

NOTE: P=Magni paint code. RAL=Color match. This color chart is for reference only. Actual colors may vary and are not guaranteed.