Performance, covered.

Product Data Sheet

MAGNI 561

MAGNI 561 FASTENER COATING

Magni 561 is a duplex coating that combines electroplated tin/zinc and hex-chrome-free passivated substrate with an organic topcoat. A coating that can be engineered to specific coefficient-of-friction needs. Magni 561 is engineered for use on parts that interact with magnesium. Magni 561 is typically applied to fasteners, including nuts, bolts and other hardware. Magni 561 can be applied via dip-spin or spray application methods.

- Excellent bimetallic corrosion resistance magnesium/aluminum
- Silver and black topcoats are UV stable
- Repeatable torque tension characteristics during assembly as a result of friction modifiers integrated into topcoat
- Resistant to acids, alkalis, automotive fuels and fluids
- RoHS, WEEE and ELV compliant

PERFORMANCE DATA*:

Coating thickness	8-10 microns (topcoat) over 6-10 microns tin/zinc plate (basecoat)
Coefficient of friction	
ISO 16047:	0.12 ± 0.03
Color	Silver, black
Salt spray	
ASTM B117:	1,000 hours
UV testing	
SAE J1960/ISO 11507:	1,000 hours
UL 1332:	1,200 hours

OEM SPECIFICATIONS:

FCA	PS-13285

ISO9001 CERTIFIED MANUFACTURING

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