



AGNI 56

Magni 561 is a duplex coating that combines electroplated tin/zinc and hex-chromefree 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.

FASTENER COATING

- Excellent bimetallic corrosion resistance magnesium/aluminum
- Silver and black topcoats are UV stable

MAGNI 561

- 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 thickness8-10 microns
(topcoat)
over 6-10 microns
tin/zinc plate
(basecoat)Coefficient of friction
ISO 16047:0.12 ± 0.03ColorSilver, black

Salt spray ASTM B117:

ISO9001

UV testing SAE J1960/ISO 11507: UL 1332:

OEM SPECIFICATIONS:



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



1,000 hours

1,000 hours

1,200 hours