

MAGNI 510

MAGNI 510 FASTENER COATING



Magni 510 is a chrome-free duplex corrosion protection coating that combines electroplated zinc and hex-chrome-free passivation with a chrome-free aluminum-rich organic topcoat. Engineered for use on fasteners, Magni 510 is typically applied to nuts, bolts, screws and other hardware.

- Applied via dip-spin or spray application methods
- Provides superior protection in fewer layers than comparable finishes
- Fewer processing steps results in improved quality and reduced cost

PERFORMANCE DATA*:

Color	Bright silver
Coating thickness	8-10 microns (topcoat) over 5-8 microns zinc/ chromate
Coefficient of friction	
DIN 96:	0.15 ± 0.03
Cyclic corrosion resistance	
DIN 50018-1.0:	30 cycles minimum
DIN50018-2.0:	15 cycles minimum
Salt spray	
ASTM B117:	1,000 hours

OEM SPECIFICATIONS:

Daimler-Benz	DBL 8451.69; 8451.79
FCA	PS-9295
Ford	WSS-M21P37-A3



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