

MAGNI 502

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FASTENER
COATING



Magni 502 is a chrome-free, stand-alone, friction-modified sacrificial coating system capable of meeting 600 or 1000 hours NSS (depending on number of layers) over steel, threaded fasteners in addition to stampings and other components.

The Magni 502 system is applied via dip-spin or spray application methods, providing superior corrosion protection and cost-effectiveness.

- Excellent bimetallic corrosion resistance
- Alleviates hydrogen embrittlement concerns
- Resistant to acids and alkalis, and most automotive fuels and fluids
- RoHS, REACH and ELV compliant

PERFORMANCE DATA:

Coating thickness	2 layers 8-10 microns 3 layers 10-12 microns
Color	Silver
Coefficient of friction	
PSA C10 0054:	0.15 ± 0.03
Salt spray	
ASTM B117:	2 layers 600 hrs NSS 3 layers 1,000 hrs NSS

OEM SPECIFICATIONS:

PSA	B15 3320
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*Typical Values – refer to OEM Specifications and Magni Application Guidelines for official specifications