

MAGNI 580

MAGNI 580 FASTENER COATING



Magni 580 is a chrome-free duplex coating that combines an inorganic **PPGPP** zinc-rich basecoat with an organic topcoat. Typically applied to externally threaded fasteners, stampings and other types of hardware, Magni 580 is engineered for use on parts exposed to high amounts of ultraviolet (UV) rays and other harsh outdoor elements. Magni 580'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

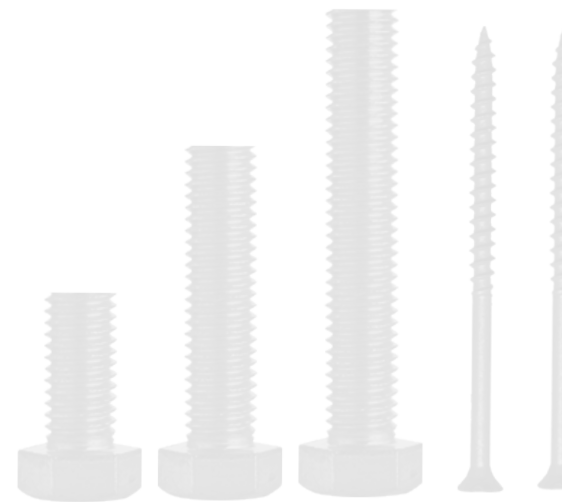
PERFORMANCE DATA:

Coating thickness	7-9 microns (topcoat) over 8-10 microns (basecoat)
Color	Black
Coefficient of friction	
ISO 16047:	0.11 ± 0.03
VDA:	0.12 ± 0.03
Salt spray	
ASTM B117:	840 hours
UV testing	
SAE J1960/ISO 11507:	1,000 hours
UL 1332:	1,200 hours



OEM SPECIFICATIONS:

Volkswagen TL180 (pending)



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