

MAGNI 594

MAGNI 594 FASTENER COATING



Magni 594 is a chrome-free duplex fastener coating that combines an inorganic zinc-rich basecoat with an aluminum-rich, friction-modified topcoat. Engineered for use on fasteners, including nuts, bolts, screws and other hardware, Magni 594 offers fewer processing steps, resulting in improved quality and reduced costs. Magni 594 can be applied via dip-spin or spray application methods.

PERFORMANCE DATA*:

Color	Silver
Coating thickness	5 microns minimum (topcoat) over 7microns minimum (basecoat)

Coefficient of friction

ISO 16047:	0.12 ± 0.03
PS-11036 Nm@42.3kN:	54-81

Cyclic corrosion resistance

SAEJ2334:	80 cycles
-----------	-----------

Salt spray

ASTM B117:	1,000 hours
------------	-------------

OEM SPECIFICATIONS:

ASTM	F2833 Grade 4
BMW	GS90010 ZnS3
Daimler-Benz	DBL 8440.30, DBL9440.40
FCA	PS-11036, 9.57513
Genie Terex	GES 1326
Manitowoc	6829104440
Volkswagen	TL233 OfI-t630, TL245 OfI-t647



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