

MAGNI 597

MAGNI 597 FASTENER COATING



Magni 597 is an inorganic zinc/aluminum coating that employs heat-resistant resin chemistry for applications subjected to extreme temperatures that exceed the capability of conventional metallic coatings. Resistant to temperatures up to 1200° F, Magni 597 is engineered for use on fasteners and other components.

Magni 597 contains integrated friction modifiers to eliminate the need for sealers or post-coating lubricants and helps eliminate the concern of seizing due to extreme temperatures. It is most commonly applied via the dip-spin application method but can also be applied via dip-drain or spray methods.

PERFORMANCE DATA*:

Coating thickness	5-8 microns (topcoat) over 15-18 microns (basecoat)
Coefficient of friction ISO 16047:	0.12 ± 0.03
Color	Silver
Heat resistance	650° C
Salt spray ASTM B117:	480 hours (as applied) Up to 1,000 hours (Inservice Temperatures)
ISO9227:	480 hours (as applied) Up to 1,000 hours (Inservice Temperatures)

OEM SPECIFICATIONS:

Ford	WSS-M21P53-A1/A2 (S453)
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*Typical Values – refer to OEM Specifications and Magni Application Guidelines for official specifications