

MAGNI 556E

MAGNI 556E FASTENER COATING



Magni 556E is a chrome-free, duplex-coating fastener system that combines an inorganic zinc-rich basecoat with an organic aluminum-rich topcoat with friction values targeted specifically to meet various European OEM standards. The inorganic basecoat system is developed for superior heat-resistant corrosion performance and consistent in-process material stability. The organic topcoat is engineered to provide outstanding adhesion, heated-loosening, and chemical resistance qualities. Magni 556E can be applied using dip-spin or spray. In dipspin applications, Magni 556E is applied in three layers (two layers basecoat). Magni 556 is used in the most corrosive automotive environments.

PERFORMANCE DATA*:

Coating thickness	12-15 microns avg. (depending on requirements)
Coefficient of friction	MBN 10544/ISO 16047 VW 01131/1, 01131/2
Color	Silver
Cyclic corrosion resistance	See OEM specifications
Heated loosening	VDA 235-203
Salt spray ISO 9227:	1,500 hours

OEM SPECIFICATIONS:

Daimler	DBL 944.40	(released)
Volkswagen	TL245 OfI-t647	(in progress)
BMW	GS90010 ZnS3	(in progress)



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