

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 dip-spin applications, Magni 556E is applied in three layers (two layers basecoat). Magni 556E is used in the most corrosive automotive environments.

PERFORMANCE DATA*:

Coating thickness	13-21 microns avg. (depending on requirements)
Coefficient of friction	MBN 10544 ISO 16047 VW 01129
Color	Silver
Cyclic corrosion resistance	See OEM specifications
Heated loosening	VDA 235-203, 01131
Salt spray	
ISO 9227:	1,500 hours

OEM SPECIFICATIONS:

Daimler	DBL 9440
Volkswagen	TL245
Knorr-Bremse	N12005-22



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