THE MAGNI GROUP, INC.
Engineered Coatings

MAGNI 565

Magni 565 is a chrome free duplex fastener coating system that combines an inorganic zinc-rich basecoat with an aluminum-rich organic topcoat.

Magni 565 has been formulated as a two-coat system, providing a cost advantage while maintaining superior corrosion resistance. Friction modifiers are integrated into the Magni 565 topcoat, providing repeatable torque tension characteristics during assembly.

Magni 565 is designed for use on externally threaded fasteners, stampings and other types of hardware. This product can be applied via dip-spin or spray and is available in a variety of colors.

Magni 565 is currently the preferred finish on fasteners at many automotive manufacturers.

Performance Data:

Salt Spray ASTM B117	480-1000 Hours
Cyclic Corrosion Resistance	
GM9540P	60 cycles
SAEJ2334	120 cycles
Volvo VCS 1027,149	tbd
Coefficient of Friction Coefficient of Friction Tested per ISO 16047 ±.03	0.13 (other levels available)
Coating Thickness	13 microns

No Hydrogen Embrittlement Concerns

Excellent Bi-Metallic Corrosion Resistance

Heat Resistance	250° F (long term) 500° F (short term)

Resistant to Automotive Fuels and Fluids

Paintable

RoHS, WEEE, and ELV Compliant

Specifications:

Amonix	90400026
Arvin Meritor	P91
ASTM	A490, F2833 Grade 1
BAE	3000009
Bobcat	PS-106A
BMW	GS90010
Briggs & Stratton	
Brose	BN590295-106
Case New Holland	MAT0320, Type 1, Class A
Chrysler	PS-5873 (ref: PS-10633 non-threaded), PS-10633, PS-10378
Cummins	74045
Daimler-Benz	DBL 8440 .20/.22
Delphi	DX551801, DX45501804, DX551810, DX44501804
Denso	DDS6700-008 DF3-BT
Dometic	12-67 E2
Fiat	9.57513/Tipo IV
Ford	S439 (WSS-M21P37-A1)
GE	F69A4
General Motors	GM7114M, GMW3359
Honda	HES D2008-1
ISO	10683
JLG	4150701
John Deere	JDM F13
Land Rover	LRES.21.ZS.05
Navistar	TMS-4518, Type I
Nissan	M4601
Porsche	PTL 7529
PSA	B15 3320
Renault Trucks	01.71.4002/H
Tacom/US Army	12469117
Trane	S 3201063A1
TRW	TS 2-25-60, Class A
Volkswagen	TL 233 Ofl-t330/Ofl-t350/Ofl-t650
Volvo	VCS5737.29, .19

ISO9001 CERTIFIED MANUFACTURING

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