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# MAGNI 565 FASTENER COATING

Magni 565 is a chrome-free duplex coating that combines an inorganic zinc-rich basecoat with an aluminum-rich organic topcoat. Formulated as a two-coat system and resistant to automotive fuels and fluids, Magni 565 is the preferred fastener coating of leading global automotive manufacturers. It provides superior corrosion protection and cost-effectiveness and is typically applied to externally threaded fasteners, stampings and other hardware.

- Applied via dip-spin or spray application methods
- Alleviates hydrogen embrittlement concerns
- Excellent bimetallic corrosion resistance
- Paintable
- RoHS, WEEE and ELV compliant



## PERFORMANCE DATA:

Coating thickness	5-8 microns (topcoat) over 8-10 microns (basecoat)
Coefficient of friction ISO 16047:	0.13 ± 0.03 (other levels available)
Color	Gray; silver (other colors available)
Cyclic corrosion resistance	
GM9540P:	60 cycles
SAEJ2334:	120 cycles
Volvo VCS	1027, 149: TBD
Salt spray ASTM B117:	480-1,000 hours

## OEM SPECIFICATIONS:

Amonix	90400026
Arvin Meritor	P91
ASTM	F2833, Grade 1
BAE Systems	3000009
Bobcat	PS106A
Case New Holland	MAT0320, Type 1, Class A
Chrysler	PS-10378, PS-10633
Cummins	74045
Daimler-Benz	DBL8440.20/.22
Delphi	DX44501804, DX45501804, DX551801,
Denso	DDS6700-008
Dometic	12-67 E2
Fiat	9.57513/Tipo IV
Ford	WSS-M21P37-A1(S439)
GE	F69A4
Genie Terex	GES 1326
General Motors	GMW 3359, GM 7114M
Honda	HES D2008-1
ISO	10683
JLG	4150701
John Deere	JDM F13
Land Rover	LRES.21.ZS.05
International Truck	TMS-4518, Type I
Nissan	NESM4601
Porsche	PTL 7529
PSA	B15 3320
Renault Trucks	01.71.4002/H
Tacom/US Army	12469117
Tesla	TM-0010F-M
Thermo-King	TKS 10-002
Trane	S 3201063A1
TRW Automotive	TS 2-25-60, Class A
Volkswagen	TL2330Ofi-t330/Ofi-t350/Ofi-t650
Volvo	VCS5737.29, .19

