

MAGNI 565

# MAGNI 565 BLACK FASTENER COATING



Magni 565 Black 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 Black 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:

<b>Coefficient of friction</b>	
ISO 16047:	0.15 ± 0.03 (other levels available)
<b>Color</b>	
	Black
<b>Cyclic corrosion resistance</b>	
GMW 14872:	Duration E
SAEJ2334:	120 cycles
Volvo VCS 1027, 149:	TBD
<b>Salt spray</b>	
ASTM B117:	840 hours minimum



## OEM SPECIFICATIONS:

Amonix	90400026
Arvin Meritor	P91
ASTM	F2833, F3125, A490, A325
BAE Systems	3000009
Bobcat	PS106A
Brose	BN-590295-106
Case New Holland	MAT0320, Type 1, Class A
Cummins	74045
Daimler-Benz	DBL8440.20/.22
Delphi	DX 551804, DX551801
Denso	DDS6700-008
Dometic	12-67 E2
FCA	9.57513/Type IV, PS-10378, PS-10633, PS-9666 PS-11036 Black
Ford	WSS-M21P37-A3 (S439B) F69A4; F69A4
GE	GES1326
Genie Terex	GMW 3359, GM 7114M
General Motors	HES D2008-1
Honda	10683
ISO	4150701
JLG	JDM F13
John Deere	STJLR 50.5043.A1, LRES.21.ZS.05
Jaguar Land Rover	TMS-4518, Type I
International Truck	NES M4601
Nissan	PTL 7529
Porsche	B15 3320
PSA	01-71-002, 01.71.4002/H (Truck)
Renault	REY026
Reyher	12469117
USArmy/TACOM	TM-0010F-M
Tesla	TKS 10-002
Thermo-King	S 3201063A1
Trane	TS 2-25-60, Class A
TRW Automotive	TL245 OfI-t611
Volkswagen	VCS5737.29, .19
Volvo	

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