MAGNI 565 BLACK

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:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coefficient of friction</td>
<td>ISO 16047:</td>
</tr>
<tr>
<td></td>
<td>0.15 ± 0.03</td>
</tr>
<tr>
<td></td>
<td>(other levels available)</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Cyclic corrosion resistance</td>
<td>Duration E</td>
</tr>
<tr>
<td></td>
<td>120 cycles</td>
</tr>
<tr>
<td></td>
<td>TBD</td>
</tr>
<tr>
<td>Salt spray</td>
<td>ASTM B117:</td>
</tr>
<tr>
<td></td>
<td>840 hours minimum</td>
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</tbody>
</table>

**OEM SPECIFICATIONS:**

- Amonix
- Arvin Meritor
- ASTM
- BAE Systems
- Bobcat
- Brose
- Case New Holland
- Cummins
- Daimler-Benz
- Delphi
- Denso
- Dometic
- FCA
- Ford
- GE
- Genie Terex
- General Motors
- Honda
- ISO
- JLG
- John Deere
- Jaguar Land Rover
- International Truck
- Nissan
- Porsche
- PSA
- Renault
- Reyher
- US Army/TACOM
- Tesla
- ThermoKing
- Trane
- TRW Automotive
- Volkswagen
- Volvo

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