

MAGNI 597

## MAGNI 597 FASTENER COATING



Magni 597 is an inorganic zinc/aluminum coating that employs heat-resistant resin chemistry for applications subjected to extreme temperatures that exceed the capability of conventional metallic coatings. Resistant to temperatures up to 1200° F, Magni 597 is engineered for use on fasteners and other components.

Magni 597 contains integrated friction modifiers to eliminate the need for sealers or post-coating lubricants and helps eliminate the concern of seizing due to extreme temperatures. It is most commonly applied via the dip-spin application method but can also be applied via dip-drain or spray methods.

### PERFORMANCE DATA:

|                                       |   |
|---------------------------------------|---|
| Coating thickness                     | 5-8 microns<br>(topcoat)<br>15-18 microns<br>(basecoat) |
| Coefficient of friction<br>ISO 16047: | 0.12 ± 0.03   |
| Color                                 | Silver  |
| Heat resistance                       | 650° C  |
| Salt spray<br>ASTM B117:              | 1,000 hours   |
| ISO9227:                              | 1,000 hours   |

### OEM SPECIFICATIONS:

|      |                      |
|------|----------------------|
| Ford | WSS-M21P53-A1 (S453) |
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