

Zinc Flake Coating Technology as an Alternative to Zinc Plating

Our SingleCoat[®] System is available to our customers who value a cost effective replacement when compared to Zinc Plating with hydrogen embrittlement relief baking.

Our SingleCoat[®] System will provide protection from corrosion with unbeatable quality.

Our SingleCoat[®] System will not induce hydrogen embrittlement, and is chrome-free.

Features:

- Better corrosion resistance when compared to trivalent and hexavalent zinc plating.
- Will not induce hydrogen embrittlement
- Bi-metallic corrosion protection
- Chrome-free
- RoHS, REACH, and WEEE compliant
- A thin layer of coating to compliment thread tolerances and gauging
- Coating is applied in a controlled environment in order to provide consistency in quality.
- Silver Color; Available in Black, Yellow, others, with Topcoat Option
- Cost effective

Specifications:

- Zinc Flake Coating
- Applied via Dip-Spin; Spray; Dip-Drain
- 240-500 hours salt spray testing (ASTM B117);
500-1000 hours with a protective topcoat
- Options are available for values of Coefficient of friction and Coefficient of torque. Topcoats can be used to modify these values.
- Single Coat zinc flake coatings are compatible with standard thread tolerances and gauging.

To learn more and get a quote, please contact us: