

Zinc Nickel (RoHS)

Zinc Nickel plating provides over 1,000 hours of salt spray protection. Our RoHS compliant Zinc Nickel exceeds the protection of zinc and cadmium plating. Today in the industrial finishing industry there are higher standards and requirements for corrosion resistance, and we help you meet or exceed these standards.

These new standards for corrosion exceed the abilities of traditionally used finishes such as zinc and cadmium. AFT offers an alternative: our Zinc Nickel finishing process. This process outperforms conventional zinc plating. By producing a Zinc Nickel alloy, this outcome outlasts traditional zinc in corrosion resistance and protects for a longer period. Chromating produces a Zinc Nickel alloy chromate film that is rich in nickel, which increases the corrosion resistance of Zinc Nickel.

Zinc Nickel provides better corrosion resistance, making AFT's Zinc Nickel a perfect alternative to conventional zinc for any steel part intended for exterior use. Zinc Nickel provides the most economical corrosion protection available today.

Advantages

- WEEE, RoHS and EVL compliant trivalent passivation (Chrome 6 free)
- High thermal resistance (up to 200° C) makes it suitable for high temperature automotive applications.
- Superior Corrosion Resistance - protects the base metal for over 1000 hours to red dust
- Many of these features make Zinc Nickel an environmentally friendly alternative to cadmium plating

Specifications

- ASTM B841 - 99
- AMS - 2417
- Can meet or exceed most private specs



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