

Alkaline Zinc Plating System

Dipsol presents the NZ-98 alkaline zinc plating system to meet the demand for a consistent and proven corrosion resistant coating that is approved for global OEM automotive applications. With excellent throwing power, increased plating speed and excellent ductility of the deposit, the coating is ideal for applications requiring post plate crimping or bending operations, while maintaining the corrosion performance in either rack or barrel production.

The NZ-98 plating process is tolerant to higher iron contamination levels, while being successfully operated across a wide temperature and zinc concentration range, thereby enabling lower production costs and maintaining over 120 hours with no white corrosion and exceeding 384 hours with no red corrosion.

Dipsol provides a full line of clear and black trivalent passivates and associated topcoat systems to further meet additional corrosion, appearance, and friction requirements.



Product Advantages

- **Corrosion resistance that exceeds major OEM performance requirements.**
- **High ductility for post bending or crimping applications.**
- **Excellent throwing power for uniform plating over complex geometries.**
- **Wide operating range allows for simplified bath control and maintenance.**

Technical Overview

NZ-98 Rack & Barrel Applications

Operating Conditions

Temperature	15 - 40°C
Cathode Current Density	Rack: 1.0 – 8.0 A/dm ² Barrel: 0.6 – 1.0 A/dm ²