

# COLLOY NI-Z POSIT-II

## *Next Generation Alkaline Cyanide Free Zinc-Nickel Plating Process*

**Additional Columbia Chemical Topcoats for enhanced handling and corrosion protection**

### **Zinc-Chro-SHIELD®**

Thin-film inorganic topcoat for added corrosion resistance.

### **Zinc-Chro-SHIELD OS**

High-performance organic sealer for extended corrosion protection.

Provides a self-healing mechanism to trivalent passivated surfaces.

### **Zinc-Chro-PELLENT**

Thin-film topcoat with hydrophobic properties that repels water and humidity for added corrosion resistance.

### **Lac-Chro-SEAL®**

High-gloss, non-hazardous, non-foaming lacquer that prevents fingerprinting for enhanced handling protection.



### **Superior Brightness**

Provides a deep, bright decorative deposit containing 12-15% nickel content to minimize cracking. Improved brightness will greatly enhance the final appearance of clear, blue, and black trivalent passivation layers.

### **Excellent Ductility**

Deposits can be subjected to bending or crimping operations after plating. The excellent ductility of the deposits helps minimize cracking so that corrosion resistance is not adversely affected.

### **Increased Plating Speed**

Increases of up to 10% in cathode efficiency when compared to most existing NaOH based alkaline zinc-nickel baths.

**330-225-3200**  
[www.columbiachemical.com](http://www.columbiachemical.com)

