

# COLPHOS™ ZN 35

## Liquid Immersion Zinc Phosphate

Recommended pre and post-treatment products for use with COLPHOS ZN 35 Process

### COLCLEAN™ line of products

Full line of pretreatment chemistries, including industrial strength emulsification/split-out soak cleaners and electro-cleaners. All cleaner technologies can be formulated as a powder or liquid.

### PICKLE PAL®

Non-foaming, economical acid inhibitor for hydrochloric and sulfuric acid pickling. Recommended to reduce the dissolution of iron in the acid pickle, preventing iron contamination from entering the zinc phosphate system.

### Excellent Absorption Properties

Provides excellent absorbing properties for supplemental coatings such as oils or waxes.

### Coating Quality

Produces fine-grain crystalline, heavyweight coatings on steel surfaces.

### ASTM and MIL Specifications

When properly applied, meets or exceeds requirements of ASTM F1137, MIL-DTL-16232G TYPE Z and A-A59267.

### Minimal Sludge

Economical system that generates minimal sludge.

### Heavy Coating Weights

Ideal for heavy coating weights of 1,000-5,000 mg/ft<sup>2</sup>. Suitable for use in pre-paint or powder treatments and forming operations.

### COLGUARD RP OIL 501

Water soluble oil that provides rust and humidity protection.



330-225-3200  
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**COLUMBIA®**  
  
**CHEMICAL**  
Your Global Plating Partner