

# COLSID AP

## Concentrated Blend for Acid Zinc Containing Ammonium Chloride

Additional Columbia Chemical trivalent passivates for maximum color control and enhanced corrosion protection

### COLDIP® TRI-V, COLDIP® TRI-V 120, and COLDIP® TRI-V 121

Thin-film inorganic topcoat for added corrosion resistance.

### COLDIP® TRI-V 200 UB

Easy-to-use high performance ultra-blue passivate.

### SPECTRAMATE® 25

Unique high performance passivate that provides a slightly iridescent multicolor finish with superior corrosion protection.

### COLDIP® MIDNIGHT 1500

Versatile black passivate with superior corrosion protection.



### Rack or Barrel Application

Ideal for both low current density barrel plating and the wide range of current densities encountered with rack plating providing exceptional throwing and covering power.

### Ductile Deposit

Contains a special ductilizer compound which ensures an extremely ductile deposit while maintaining optimal brightness.

### Tolerant to Contaminants

Extremely tolerant to organic contaminants such as oils/cleaner surfactants and inorganic contaminants such as iron/copper.

### Wide Operating Range

Operates over a wide zinc metal range of 2.0 - 5.0 oz/gal (15 - 37.5 g/L).

**COLUMBIA®**



**CHEMICAL**

Simplifying Surface Finishing®

**330-225-3200**

**ColumbiaChemical.com**