

COPPER PLATING

Chem Processing, Inc. offers copper plating for engineering applications, including electrical conductivity, heat treat stop-off for nitriding and carburizing of steel, and as a strike for other plated metals such as nickel, silver or cadmium. When used as a heat treat stop-off or mask, copper electroplated portions of a steel part will be excluded from the heat treat process. Engineering properties of copper electroplating include: excellent electrical conductivity, good lubrication, and solderability.

Chem Processing's copper plating process is Nadcap accredited. Direct requests for quote to quoting@chemprocessing.com.

Chem Processing Inc. Copper Plating Capabilities:

- Plating thickness range of 0.0001 to 0.0050 inches
- Rack and barrel plating available
- Precision masking for selective surface plating
- Thermal treatment for hydrogen embrittlement relief
- Thickness analysis on a Fischer Technology XDL-B X-Ray fluorescent spec

Applicable Specifications:

- SAE AMS 2418
- ASTM B734
- MIL-C-14550B
- CP 13.19 (UTC Aerospace Systems/Hamilton Sundstrand)

Chem Processing Inc. offers copper plating services to Illinois, Wisconsin, Iowa, the Midwest and beyond. CPI is strategically located by highway routes to Chicago, Milwaukee, Madison, St. Louis, and Minneapolis. The CPI facility is minutes from Rockford Chicago International Airport, a major Midwestern air freight hub, enabling efficient door-to-door delivery across the United States or across the globe.

