



Industry Uses:

- Aerospace
- Aircraft
- Automotive
- Electronics
- Defense
- Marine

Coating Specification:

- AMS-QQ-P-416

Cadmium Plating Types:

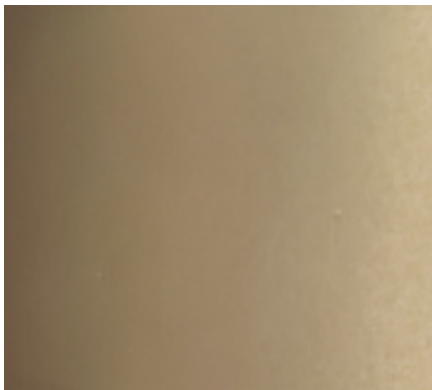
- Type I - as plated
- Type II - with supplementary Chromate Treatment
- Type III - with supplementary Phosphate Treatment

Thickness per Class:

Class 1 - 0.0005" min. thickness

Class 2 - 0.0003" min. thickness

Class 3 - 0.0002" min. thickness



Cadmium (Cd)

Cadmium plating is an attractive, soft coating that can be deposited on various base materials, up to and including steels, copper and different types of iron. Known as one of the few deposits that is sacrificial, this coating excels in corrosion protection.

With natural lubricity, this coating also provides anti-galling and low friction properties. Other characteristics of this coating are low chemical resistance, ease of solderability and the flexibility to coat on dissimilar materials.

Due to the efficiency of the bath, Cadmium is an excellent solution for the coating of critical parts as well as complex geometries.

With rack plating abilities to satisfy both the large and small volume projects, Techmetals' 1500 gallon plating tanks will handle your needs.

Technical Advantages

- Good protection against corrosion in salt atmospheres and at low thickness
- Resistant to mold and bacteria growth
- Low electrical resistance and exceptional conductivity
- Favorable galvanic compatibility with aluminum
- Natural lubricity providing anti-galling and low-friction properties
- Superior solderability
- Creates a good bonding surface for adhesives
- Works well as a paint base
- Can be used on differing substrates such as steel, iron, copper, brass and aluminum
- Galvanic protection for iron and steel substrates that can provide corrosion protection even when scratched
- Soft and Malleable
- Chromates available in Black, Clear, Olive Drab and Yellow

Call: (937) 253-5311

www.techmetals.com