



Industry Uses:

- Engineering
- Communications
- Consumer Products

Coating Specification(s):

- ASTM B 545
- MIL-T-10727 (Type I)

Finish Types:

- Bright & Matte (solderable)

Substrates Plated:

- Steels, stainless steels, some copper alloys

Technical Advantages

- Non-toxic
- Non-carcinogenic
- Electrically conductive
- Alkaline Tin (Matte) is optimal for soldering



Tin Finishing

Considered non-toxic and non-carcinogenic, Tin plating is a typical material used in engineering, communications and consumer products. Not to mention, this material offers an affordable finish, electric conductivity, and excellent corrosion protection.

Techmetals utilizes Tin for specific metal plating projects that require many of the attributes listed above. Both bright Tin and matte (solderable) finishes are available for plating. The former being preferred for electrical contact solutions where soldering is not necessary.

It is worth noting that matte Tin plating does have a limited life when used in soldering. Techmetals can improve the solderability life span through preparation of the substrate and properly specifying the deposit.

Our tin process also reduces whisker (pest) growth in cold temperatures.



Call: (937) 253-5311

www.techmetals.com