

BRIGHT AND MATTE TIN COIL



Bright Electro Tin (BET)

BET is another process we offer here at Cooper Plating in reel to reel. Unlike reflow tin it does not get heated to its melting point and deposits on the substrate with a bright appearance.

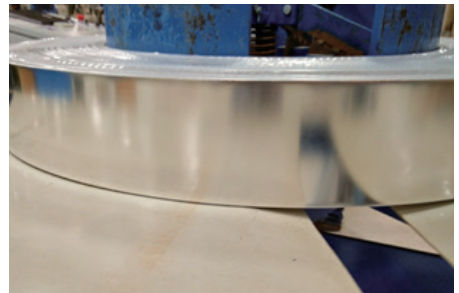
Bright tin contains brighteners, which are additives causing the formation of fine grain deposits and is characterized by high internal stresses. The bright shiny finish that results from the process is aesthetically pleasing, offers good lubricity, corrosion protection and high electrical conductivity. For this reason, it is in high demand throughout the automotive and electronics industry.

Matte Electro Tin

Matte tin coatings are made in electrolytes without the addition of brighteners. Matte tin has a dull appearance (non reflective) and the level of internal stresses in matte tin is much lower than it is in bright tin. Matte tin is characterized by low whisker growth, electrical enhancement, improved ductility and good solderability.



.093" material BET plated winding



Plated look of BET plating