



Nitro-Flo Plus Bar Solder

Pure 63/37 Tin Lead Solder

DESCRIPTION

Florida CirTech's Nitro-Flo Plus bar solder is cast under an inert atmosphere, which produces an ultra-low oxide bar. Florida CirTech pioneered an automated system that casts every bar without the use of manual labor to eliminate contaminants. This proprietary manufacturing process yields a bar that will produce the lowest dross levels during soldering operations.

ANALYSIS

Nitro-Flo Plus bars are manufactured to exceed the requirements of J-STD-006. Nitro-Flo Plus is made to offer the purest solder sold to the market. Florida CirTech provides complete analysis services to ensure each customer's soldering operations are within specifications. Nitro-Flo Tin bar is available for tin additions.

SAFETY AND STORAGE

Nitro-Flo Plus bar solder is packaged in 50 lbs boxes. Refer to the MSDS for guidance on safety issues.

63/37 TIN LEAD WORKING SOLDER POT SPECIFICATION

Element	Typical Nitro-Flo Plus	J-STD-006 Rev B Spec.	WS-6536 E Spec.
Tin (Sn)	62.80	62.5 - 63.5	59.0 - 63.5
Lead (Pb)	Balance	Balance	Balance
Antimony (Sb)	0.0050	.20 max	.50 max
Copper (Cu)	0.0020	.08 max	.08 max
Gold (Au)	0.0020	.05 max	.08 max
Silver (Ag)	0.0100	.10 max	.10 max
Aluminum (Al)	0.0005	.005 max	.006 max
Arsenic (As)	0.0000	.03 max	.03 max
Bismuth (Bi)	0.0200	.10 max	.25 max
Cadmium (Cd)	0.0010	.002 max	.005 max
Indium (In)	0.0030	.10 max	.10 max
Iron (Fe)	0.0050	.02 max	.02 max
Nickel (Ni)	0.0010	.01 max	.01 max
Zinc (Zn)	0.0005	.003 max	.005 max
Sulfur (S)	0.0005	NA	.005 max
Others	0.0005	.005 max	.008 max

