



Stellar Technical Products
707 East Gardena Blvd.
Gardena, CA 90248

Technical Bulletin

FRY 50/50 TIN/LEAD SOLDER **For SHEET METAL APPLICATIONS**

Description

50Sn/50Pb Solder Alloy is the most commonly used metal joining material for seam-soldering galvanized steel, copper and stainless steel fabrications. Fry Metals' 50/50 Solders contain 50% Tin and 50% Lead and exceed the specifications for ASTM B32 Sn50 Alloy:

Tin	49.5-51.5%
Lead	Remainder
Antimony	0.500% max.
Silver	0.015% max.
Copper	0.080% max.
Cadmium	0.001% max.
Aluminum	0.005% max.
Bismuth	0.250% max.
Arsenic	0.025% max.
Iron	0.020% max.
Zinc	0.005% max.

Physical Data

Solidus	361 F
Liquidus	421 F
Density	0.337 lbs/ cubic in.

Packaging

Fry 50/50 Sheet Metal solder is available in 1/4" x 22", 5/16" x 22" and 7/16" x 17" Tri-Bar; 1/4 lb, 1/2 lb and 1 lb rectangular bars.

Phone: (310) 660-0140 Fax: (310) 660-0135 Toll Free: (888) 765-3371
Quality Soldering Materials & Production Supplies