

DURA-PURE SN50/PB50 LEADED SOLDER ALLOY

FEATURES

- High Purity
- Melting Temperature 183°C-212°C (361°F-414°F)

DESCRIPTION

Dura-Pure Sn50/Pb50 is comprised of 50% tin and 50% lead. This is a high purity alloy suitable for electronic and industrial soldering applications. Sn50/Pb50 has a melting point of 183°C-212°C (361°F-414°F).

AVAILABILITY

P/N	Description	Weight	Diameter	QTY
4806	Dura-Pure 50/50 Solid Wire Solder	113 g (1/4 lb)	3 mm (0.125 in)	48
4807	Dura-Pure 50/50 Solid Wire Solder	227 g (1/2 lb)	3 mm (0.125 in)	48
4808	Dura-Pure 50/50 Solid Wire Solder	454 g (1 lb)	3 mm (0.125 in)	24
4812	Dura-Pure 50/50 Solid Wire Solder	2.27 kg (5 lb)	3 mm (0.125 in)	8
4813	Dura-Pure 50/50 Solid Wire Solder	9.08 kg (20 lb)	3 mm (0.125 in)	2
4786	Dura-Pure 50/50 Solid Bar Solder	500 g (1.1 lb)	N/A	+/- 50

TYPICAL ALLOY COMPOSITION

Typical Alloy Composition	
Sn: Balance	Pb: 50.0

TYPICAL TENSILE STRENGTH

Ultimate Tensile Strength (MPa)	Ultimate Tensile Strength (psi)
67.5	9790



HANDLING & STORAGE

Parameter	Time	Temperature
Shelf Life	Indefinite	Room Temperature

Indefinite shelf life applies to solid solder. For other product categories, refer to those specific TDSs. Consult AIM Dura-Pure Sn50/Pb50 SDS for additional handling procedures and precautions.

FLUX COMPATIBILITY

Nitro Flux is the preferred product for use with Dura-Pure Sn50/Pb50 although Dura-Pure Sn50/Pb50 is compatible with most major grades of fluxes.

SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying SDS for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.