

Solder Wire Sn63/Pb37 No-Clean with 2.2% Flux Core 1lb Spool

Product Highlights

No-Clean Water-Washable Synthetic Flux Core

The clear, non-corrosive, non-conductive residue is meant to be left on the board. Residues that do remain are water soluble if you want to remove them. Clean with hot water at 60°C (140°F) minimum.

2.2% flux core

Halogen content: None

Specifications

Alloy:	Sn63/Pb37
Wire Diameter:	0.020"
Flux Type:	No-Clean Water-Washable Synthetic
Flux Classification:	ROL0
Melting Point:	183°C (361°F)
Packaging:	1 lb spool

Test Results

Test J-STD-004 or other requirements as stated	Test Requirement	Result
Copper Mirror	IPC-TM-650: 2.3.32	L: No breakthrough
Corrosion	IPC-TM-650: 2.6.15	L: No corrosion
Quantitative Halides	IPC-TM-650: 2.3.28.1	L: <0.5%
Electrochemical Migration	IPC-TM-650: 2.6.14.1	L: <1 decade drop (No-clean)
Surface Insulation Resistance 85°C, 85% RH @ 168 Hours	IPC-TM-650: 2.6.3.7	L: ≥100MΩ (No-clean)
Visual	IPC-TM-650: 3.4.2.5	Clear and free from precipitation
Conflict Minerals Compliance	Electronic Industry Citizenship Coalition (EICC)	Compliant
REACH Compliance	Articles 33 and 67 of Regulation (EC) No 1907/2006	Contains no substance >0.1% w/w that is listed as a SVHC or restricted for use in solder materials

Conforms to the following Industry Standards:

J-STD-004B, Amendment 1 (Solder Fluxes):	Yes
J-STD-006C, Amendments 1 & 2 (Solder Alloys and Fluxed/Non-Fluxed Solders):	Yes
RoHS 2 Directive 2011/65/EU:	No

ChipQuik® Solder Wire Orderable Part Numbers:

Flux Core	Alloy	Melting Point	Diameter	Size	Orderable Part Number	
No-Clean Water-Washable Synthetic Flux Core 2.2%	Sn63/Pb37	183°C (361°F)	.020" (0.5mm)	1 oz	SMDSW.020 1OZ	
				2 oz	SMDSW.020 2OZ	
				4 oz	SMDSW.020 4OZ	
				1/2 lb	SMDSW.020 8OZ	
				1 lb	SMDSW.020 1LB	
			.031" (0.8mm)	1 oz	SMDSW.031 1OZ	
				2 oz	SMDSW.031 2OZ	
				4 oz	SMDSW.031 4OZ	
				1/2 lb	SMDSW.031 8OZ	
				1 lb	SMDSW.031 1LB	
	Sn60/Pb40	183-188°C (361-370°F)	.020" (0.5mm)	1/2 lb	SMD2SW.020 8OZ	
				1 lb	SMD2SW.020 1LB	
			.031" (0.8mm)	1/2 lb	SMD2SW.031 8OZ	
				1 lb	SMD2SW.031 1LB	
	Sn62/Pb36/Ag2	179°C (354°F)	.020" (0.5mm)	1/2 lb	SMD3SW.020 8OZ	
				1 lb	SMD3SW.020 1LB	
			.031" (0.8mm)	1/2 lb	SMD3SW.031 8OZ	
				1 lb	SMD3SW.031 1LB	
	Sn96.5/Ag3.0/Cu0.5	217-220°C (423-428°F)	.015" (0.38mm)	1/2 lb	SMDSWLF.015 8OZ	
				1 lb	SMDSWLF.015 1LB	
			.020" (0.5mm)	1 oz	SMDSWLF.020 1OZ	
				2 oz	SMDSWLF.020 2OZ	
				4 oz	SMDSWLF.020 4OZ	
				1/2 lb	SMDSWLF.020 8OZ	
				1 lb	SMDSWLF.020 1LB	
				.031" (0.8mm)	1 oz	SMDSWLF.031 1OZ
			2 oz		SMDSWLF.031 2OZ	
			4 oz		SMDSWLF.031 4OZ	
			1/2 lb		SMDSWLF.031 8OZ	
			1 lb		SMDSWLF.031 1LB	
Sn99.3/Cu0.7			227°C (441°F)		.015" (0.38mm)	1/2 lb
				1 lb		SMD2SWLF.015 1LB
	.020" (0.5mm)	1/2 lb		SMD2SWLF.020 8OZ		
		1 lb		SMD2SWLF.020 1LB		
	.031" (0.8mm)	1/2 lb		SMD2SWLF.031 8OZ		
		1 lb		SMD2SWLF.031 1LB		
No Flux Core	Sn42/Bi57/Ag1	138°C (281°F)	.030" (0.762mm)	32 feet	SMDSWLTLFP32	
	In100	157°C (315°F)	.031" (0.8mm)	10 feet	SMDIN100	
	In52/Sn48	118°C (244°F)	.031" (0.8mm)	10 feet	SMDIN52SN48	
	In97/Ag3	143°C (289°F)	.031" (0.8mm)	10 feet	SMDIN97AG3	