



Specifications

Rosin Activated (RA) Flux:

It is a high activity core flux designed for excellent instant wetting action, even on Nickel surfaces. Although it is a RA-based material, the residues are non-corrosive if not cleaned. Classified as ROM1 flux. The products standard meets, IPC J-STD-006 and IPC J-STD-004.

Water Soluble Flux:

It is a high-activity water-soluble core flux for soldering difficult metals. It is designed for optimal cleanability, along with minimal smoke and odor. Its residues must be removed.

It is classified as ORH1 per J-STD-004.

Rosin Mildly Activated (RMA) Flux:

It is an RMA based core flux that provides wetting action comparable to typical RA flux. Although it is an RMA-based material, the residues are non-corrosive if not cleaned.

It is categorized as ROL1 per J-STD-004.

No-Clean Flux:

It is a halide-free, rosin based no-clean core flux that provides excellent wetting combined with optimal reliability and cosmetics. It is compliant to Bellcore GR-78 and is classified as ROL0 per J-STD-004.

Shelf Life:

Indefinite

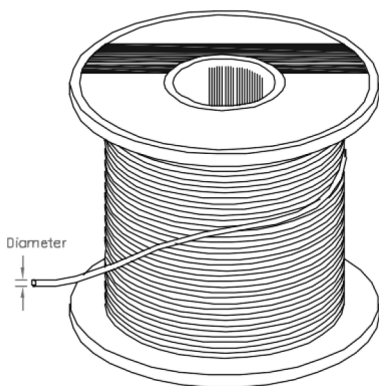
Specification Table

Part Number	Standard Wire Gauge (AWG)	Diameter		Alloy Content Tin/Lead	Weight lbs.	Flux %	Flux Type	Softening Point Celsius (Flux Extract)	Acid Number (mg-KOH/ G Sample)	SIR (Surface Insulation Resistance)
		Inches	mm							
SPC22126	20	0.032	0.81	60/40	1	3.3	Rosin (RA)	80°C	150-160	>1×10 ⁹
SPC22127	18	0.04	1.02	60/40						
SPC22128	16	0.05	1.27	60/40						
SPC22129	14	0.062	1.57	60/40						
SPC22130	24	0.02	0.51	63/37						
SPC22131	22	0.025	0.64	63/37						
SPC22132	20	0.032	0.81	63/37						
SPC22133	18	0.04	1.02	63/37						
SPC22134	16	0.05	1.27	63/37						
SPC22135	14	0.062	1.57	63/37						
SPC22123	22	0.025	0.64	60/40	0.5					
SPC22124	20	0.032	0.81	60/40						
SPC22125	21	0.025	0.64	63/37						

Solder Wire



Part Number	Standard Wire Gauge (AWG)	Diameter		Alloy Content Tin/Lead	Weight lbs.	Flux %	Flux Type	Softening Point Celsius (Flux Extract)	Acid Number (mg-KOH/ G Sample)	SIR (Surface Insulation Resistance)
		Inches	mm							
SPC22136	20	0.032	0.81	60/40	1	3.3	Water Soluble	60°C	120-130	>1×10 ⁹
SPC22137	20	0.032	0.81	63/37			Rosin (RMA)	92°C	150-160	
SPC22138	20	0.032	0.81	63/37		1.1	No Clean NC600	75°C	190-210	
SPC22139	20	0.032	0.81	63/37						
SPC22140	24	0.02	0.51	63/37						



Note

The Water Soluble Solder has a flux within that must be cleaned; therefore, the Flux Extract Softening Point Test does not apply. Acid Number test is based upon the IPC-TM-650 test method. Flux Appearance : Amber Solid

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