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REVISIONS				DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680					
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
1955	A	RELEASED	JN	07/08/08	JN	07/10/08	JN	07/10/08	

SPC Type No.	Standard Wire Gauge (AWG)	Diameter		Alloy Content Tin/Lead	Weight	Flux %	Flux Type	Softening Point Celsius (Flux Extract)	Acid Number (mgKOH/ G Sample)	SIR (Surface Insulation Resistance)
		Inches	mm							
SPC22123	23	0.025	0.63	60/40	1lbs.	3.30%	Rosin (RA)	80°C	150-160	>1.0 x 10 ⁹
SPC22124	21	0.032	0.81	60/40						
SPC22126	21	0.032	0.81	60/40						
SPC22127	19	0.04	1.01	60/40						
SPC22128	18	0.05	1.27	60/40						
SPC22129	16	0.062	1.57	60/40						
SPC22130	25	0.02	0.5	60/37						
SPC22131	23	0.025	0.63	60/37						
SPC22132	21	0.032	0.81	60/37						
SPC22133	19	0.04	1.01	60/37						
SPC22134	18	0.05	1.27	60/37						
SPC22135	16	0.062	1.57	60/37	0.5 lbs.	2.20%	No Clean	75°C	190-210	
SPC22125	23	0.025	0.63	60/37						
SPC22136	21	0.032	0.81	60/40						
SPC22137	21	0.032	0.81	60/37						
SPC22138	21	0.032	0.81	60/37						
SPC22139	21	0.032	0.81	60/37	1lbs.	2.20%	No Clean	75°C	190-210	
SPC22140	25	0.02	0.5	60/37						

Notes:

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

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. Per J-STD-004. Classified as ROM1 flux.

Water Soluble Flux:

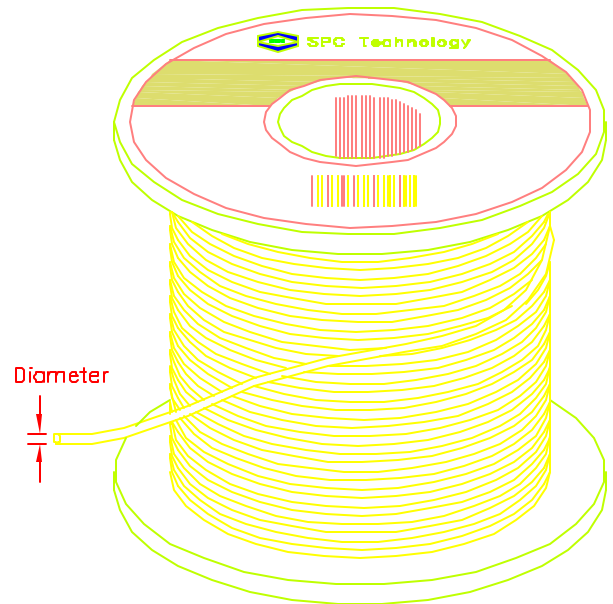
It is a high-activity water-soluble core flux for soldering difficult metals. It is designed for optimal cleanability, along with minimal smoke and odor. Its residues must be removed. It is classified as ORH1 per J-STD-004.

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.



SPC-F004.DWG

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.



SPC TECHNOLOGY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:						
	Jason Nash	07/08/09	SOLDER WIRE						
	CHECKED BY:	DATE:	SIZE	DWG. NO.			ELECTRONIC FILE		REV
	Jason Nash	07/10/08	A	TA-885			TA-885.DWG		A
	APPROVED BY:	DATE:	SCALE:		U.O.M.: INCHES [mm]		SHEET: 1 OF 1		
	Jason Nash	07/10/08	NTS						