



# AIM Solder Products

## WIRE SOLDER



### Rosin Activated Wire Solder

- Features:**
- Fully Activated Flux process residues that may be left on non-critical applications
  - Excellent Wetting Properties
  - Glycol Free
  - Excellent Thermal Transfer
  - Leaves slight to moderate post-process residues

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Alloy	Diameter (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738	13286	60/40	0.020	1.0	22.57	20.96	19.97
738	13287	60/40	0.025	1.0	18.02	16.60	15.15
738	13288	60/40	0.032	1.0	15.61	14.52	14.11
738	13290	60/40	0.050	1.0	16.07	14.61	13.65
738	13291	60/40	0.062	1.0	14.62	13.95	13.39
738	14080	60/40	0.093	1.0	15.47	14.05	13.20

### Lead-Free Rosin Activated Wire Solder 2%

MOUSER STOCK NO.		Alloy	Diameter (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738	14313	SAC305	0.020	1.0	56.62	52.57	50.10
738	14315	SAC305	0.032	1.0	53.72	49.88	47.53
738	14316	SAC305	0.050	1.0	53.05	49.26	46.94
738	14317	SAC305	0.062	1.0	52.69	48.92	46.62

### Rosin Mildly Activated Wire Solder

RMA Wire is a mildly activated, general purpose wire solder for use in applications requiring good activation. RMA cored wire is active enough for excellent tarnish or oxide removal, and will produce bright shiny solder joints.

- Features:**
- Mildly Activated Flux
  - Good Wetting Properties
  - Glycol Free
  - Good Thermal Transfer
  - Meets mil-spec cleanliness requirements without cleaning

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Alloy	Diameter (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738	13772	62/36/2	0.025	1.0	39.66	36.83	35.09
738	14320	63/36/2	0.050	1.0	37.58	34.89	33.25
738	13560	63/37	0.020	1.0	28.49	24.44	21.24
738	13427	63/37	0.015	1.0	16.97	15.34	13.77
738	13562	63/37	0.025	1.0	21.69	20.13	19.23
738	13563	63/37	0.032	1.0	20.50	18.58	17.11
738	13541	63/37	0.032	1.0	20.24	18.79	17.90

\* This part is 2% flux, all others are 3%

## No-Clean Wire Solder

GLOW CORE is a no-clean, resin based flux cored wire solder designed to offer excellent wetting characteristics and lead-free compatibility. This product is very active and is recommended for fast cycle time soldering. GLOW CORE flux promotes good thermal transfer, offering better solder penetration into plated through holes and surface mount interconnections. GLOW CORE cored wire produces low-to-medium post-process residues that are electrically safe and do not require cleaning for most applications.

- Features:**
- Tin-Lead and Lead-Free Compatible
  - Low Post-Process Residues
  - Good Wetting
  - Drop-In For No-Clean Applications
  - Cleanable With Saponifier
  - IPC Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Alloy	Diameter (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738	13368	63/37	0.015	0.5	23.79	22.18	19.65
738	13283	63/37	0.020	1.0	26.12	22.45	21.11
738	13308	63/37	0.025	1.0	21.69	20.13	19.19
*	738-13426	63/37	0.032	1.0	16.05	15.03	14.51
**	738-13977	63/37	0.032	1.0	20.24	18.79	17.90
738	15033	63/37	0.040	1.0	19.48	18.27	17.30
738	13211	63/37	0.050	1.0	18.80	16.68	14.80
738	13223	63/37	0.062	1.0	18.29	16.74	15.14

\* GLOWCORE 2%  
\*\* GLOWCORE 2.5%

## Lead Free No-Clean Wire Solder

GLOW CORE is a lead-free and tin-lead compatible no-clean flux core that offers very good wetting and low residues.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Alloy	Diameter (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738	14054	SAC305	0.020	1.0	72.10	65.77	53.69
738	14076	SAC305	0.025	1.0	72.79	63.54	55.59
738	14048	SAC305	0.032	1.0	52.33	47.68	43.95
738	14111	SAC305	0.050	1.0	42.02	40.85	39.98
738	14050	SAC305	0.062	1.0	52.38	47.55	43.63

## Water Soluble Wire Solder

Water soluble cored wire features a halide-activated system that has been neutralized with an amine. The amine hydrohalide provides a high activation level that produces excellent tarnish or oxide removal, and maximum capillary action, leading to faster wetting, and reducing the chances of thermal degradation of the boards materials. Any flux residue from this solder is readily soluble in hot water.

- Features:**
- Highly activated water soluble flux cored wire
  - High Activity Level and Very Good Wetting
  - Good thermal transfer reduces oxidation of solder iron tip
  - Post-process residues easily cleaned in hot water

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Alloy	Diameter (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738	13236	63/37	0.015	1.0	29.13	26.58	24.49
738	13154	60/40	0.032	1.0	19.67	18.27	17.41
738	13158	60/40	0.062	1.0	18.91	17.56	16.73

## Lead Free Water Soluble Wire Solder

WS482 is a water soluble, halide-free flux cored wire designed for lead-free applications. Post-process residues are non-corrosive.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Alloy	Diameter (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738	13411	SAC305	0.050	0.05	69.18	61.70	53.98
738	13951	SAC305	0.020	1.0	47.24	43.51	40.59
738	13949	SAC305	0.032	1.0	71.35	62.30	54.50
738	13963	SAC305	0.062	1.0	68.67	60.94	53.30

## BAR SOLDER

### Electropure Bar Solder

AIM's Electropure Bar Solder is processed from virgin or better metals in a proprietary method that removes impurities and oxides. The result is a lower drossing rate, as well as a decrease in defects while using no-clean, RMA or water soluble flux chemistries

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Description	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.			1	10	25
738	5040	SN63/PB37 Bar	1.0	18.24	16.94	16.14
738	1222	SN63/PB37 Bar	2.5	47.73	46.04	44.45
738	4909	SN60/PB40 Bar	1.0	15.14	14.06	13.40

### Lead-Free Bar Solder

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Description	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.			1	10	25
738	5225	SAC305 LF Bar	2.5	123.81	114.90	107.64
738	5202	SN100C LF Bar	2.5	85.62	83.75	81.49

