

AIM Solder Products



WIRE SOLDER



Rosin Activated Wire Solder

- Features:**
- Fully Activated Flux
 - Excellent Wetting Properties
 - Glycol Free
 - Excellent Thermal Transfer
 - Leaves Slight to Moderate Post-Process Residues That May Be Left On Non-Critical Applications

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738—13286		60/40	0.020	1.0	25.86	19.94	18.72
738—13287		60/40	0.025	1.0	24.34	22.06	20.84
738—13288		60/40	0.032	1.0	22.83	18.46	15.68
738—13289		60/40	0.040	1.0	21.80	16.31	15.31
738—13290		60/40	0.050	1.0	22.18	16.56	14.43
738—13291		60/40	0.062	1.0	21.81	17.85	14.50
738—14080		60/40	0.093	1.0	21.54	15.97	14.07

Lead-Free Rosin Activated Wire Solder 2%

MOUSER STOCK NO.		Alloy	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738—14313		SAC305	0.020	1.0	47.40	36.46	30.82
738—14314		SAC305	0.025	1.0	45.88	35.08	29.82
738—14315		SAC305	0.032	1.0	44.36	36.12	28.84
738—14316		SAC305	0.050	1.0	43.66	33.10	28.38
738—14317		SAC305	0.062	1.0	43.29	33.39	31.54

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 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738—13772		62/36/2	0.025	1.0	33.39	25.10	23.44
738—14320		63/36/2	0.050	1.0	31.18	23.40	20.29
738—13560		63/37	0.020	1.0	26.47	20.28	17.63
738—13427		63/37	0.015	1.0	38.11	33.34	31.51
738—13562		63/37	0.025	1.0	24.95	18.76	16.27
738—13563		63/37	0.032	1.0	23.45	17.51	15.25
*738—13541		63/37	0.032	1.0	23.45	17.51	15.25

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

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 drying rate, as well as a decrease in defects while using no-clean, RMA or water soluble flux chemistries

For quantities 50 and up, 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	22.21	17.19	14.45
738—1222		SN63/PB37 Bar	2.5	53.58	49.56	45.56
738—4909		SN60/PB40 Bar	1.0	30.15	21.72	18.35

Lead-Free Bar Solder

For quantities 50 and up, 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	94.14	72.95	64.85
738—5202		SN100C LF Bar	2.5	96.55	85.29	75.82

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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-processes 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 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738—13368		63/37	0.015	0.5	38.62	31.29	28.07
738—13283		63/37	0.020	1.0	26.47	20.28	19.07
738—13308		63/37	0.025	1.0	24.95	18.90	16.32
*738—13426		63/37	0.032	1.0	23.45	19.59	18.38
**738—13977		63/37	0.032	1.0	23.45	21.09	18.06
738—15033		63/37	0.040	1.0	22.98	17.10	14.94
738—13211		63/37	0.050	1.0	22.80	20.52	17.50
738—13223		63/37	0.062	1.0	22.43	19.53	16.68

* 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 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738—14054		SAC305	0.020	1.0	47.40	40.09	32.73
738—14076		SAC305	0.025	1.0	45.88	35.08	29.82
738—14048		SAC305	0.032	1.0	44.36	39.91	29.74
738—14111		SAC305	0.050	1.0	43.66	38.21	28.37
738—14050		SAC305	0.062	1.0	43.29	32.73	28.14

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 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738—13236		63/37	0.015	1.0	22.01	16.57	14.31
738—13154		60/40	0.032	1.0	22.83	17.16	14.83
738—13158		60/40	0.062	1.0	22.16	16.64	14.40

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 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
738—13408		SAC305	0.025	1.0	45.88	35.10	29.82
738—13411		SAC305	0.050	0.05	43.66	33.10	28.38
738—13951		SAC305	0.020	1.0	47.40	41.06	32.98
738—13949		SAC305	0.032	1.0	44.36	39.90	31.60
738—13963		SAC305	0.062	1.0	43.29	32.73	28.14

PASTE FLUX AND LIQUID FLUX



No-Clean Paste Flux

A standard all purpose paste flux for general metal repair soldering. Used when liquid fluxes may be hazardous or inconvenient. High activity, stability, and heat resistance provides for rapid soldering.

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each		
Mfr.	Mfr. Part No.		1	10	25
738—22546		SP-30 Acid Paste 100grams	29.10	27.79	24.97

Liquid Flux

Developed to reduce bottom side micro-solder and survive SMT dual wave soldering systems. May be applied by spray or wave. Size 1 gallon.

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each		
Mfr.	Mfr. Part No.		1	10	25
738—19105		275 VOC-Free 1 Gallon	77.00	68.75	64.89

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