

KESTER Solder Products



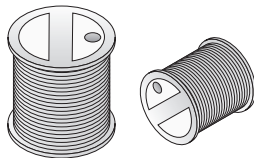
WIRE SOLDER

Product Use: Soldering flux in cored solder for electrical or electronic applications.

"44" Rosin,

Activated Rosin Core Solder

"44" Rosin is a general purpose industrial and electrical wire solder. The flux residue is non-conductive and non-corrosive. Flux by weight: 3.3%



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
533-24-6337-07		63/37	0.015	1	40.28	37.70	31.29
533-24-6337-0010		63/37	0.02	1	36.22	32.20	26.72
533-24-6337-18		63/37	0.025	1	27.20	24.18	20.06
533-24-6337-27		63/37	0.031	1	26.21	23.30	19.33
533-24-6337-39		63/37	0.04	1	24.86	22.10	18.34
533-24-6337-53		63/37	0.05	1	22.83	20.30	16.84
533-24-6337-61		63/37	0.062	1	22.13	19.70	16.35
533-24-6040-0010		60/40	0.02	1	35.66	31.70	26.31
533-24-6040-18		60/40	0.025	1	23.54	22.82	19.65
533-24-6040-27		60/40	0.031	1	25.65	22.80	18.92
533-24-6040-39		60/40	0.04	1	24.30	21.60	17.92
533-24-6040-53		60/40	0.05	1	22.27	19.80	16.43
533-24-6040-61		60/40	0.062	1	21.60	19.20	15.93
533-24-6040-66		60/40	0.093	1	26.23	25.50	23.37
533-24-7150-18		62/36/2	0.025	1	62.52	57.05	52.44
533-24-7150-53		62/36/2	0.05	1	57.16	52.16	47.94
533-25-6040-0027		60/40	0.031	4	122.99	112.22	111.64
533-26-6040-0061		60/40	0.062	5	153.00	132.88	113.28

"245" No-Clean Core Solder

A mild, low residue core solder for electronic assembly. The residues from "245" are designed to be left on with no post soldering cleaning.

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Core Size	Flux by Weight	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.						1	10	25
533-24-6337-8806		63/37	50	1.10%	0.015	1	42.41	37.70	31.29
533-24-6337-8807		63/37	50	1.10%	0.02	1	36.22	32.20	26.72
533-24-6337-8834		63/37	58	2.20%	0.02	1	32.50	30.80	26.72
533-24-6337-8809		63/37	50	1.10%	0.025	1	27.20	24.18	20.06
533-24-6337-8800		63/37	50	1.10%	0.031	1	26.21	23.30	19.33
533-24-6337-8801		63/37	58	2.20%	0.031	1	25.05	23.30	19.33
533-24-6337-8802		63/37	66	3.30%	0.031	1	26.21	23.30	19.33
533-24-6337-8813		63/37	50	1.10%	0.04	1	24.86	22.10	18.34
533-24-6337-8814		63/37	50	1.10%	0.05	1	22.83	20.30	16.84
533-24-6337-8817		63/37	50	1.10%	0.062	1	22.16	19.70	16.35

"285" Rosin, Mildly Activated Rosin Core Solder

Conforms to type RMA of FED SPEC QQ-SS-571 and is on the qualified products list. High mobility and fast spreading action is comparable to RA fluxes. It is less corrosive and conductive than "44" rosin and is commonly used without subsequent flux removal.

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Alloy	Core Size	Flux by Weight	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.						1	10	25
533-24-6337-9703		63/37	66	3.30%	0.015	1	42.41	37.70	31.29
533-24-6337-9702		63/37	66	3.30%	0.02	1	39.15	35.72	32.84
533-24-6337-9718		63/37	66	3.30%	0.025	1	28.11	27.16	26.28
533-24-6337-9713		63/37	58	2.20%	0.031	1	26.21	23.30	19.33
533-24-6337-9710		63/37	66	3.30%	0.031	1	30.21	28.50	26.50

"331" Water Soluble Core Solder

It is more effective and heat stable than rosin fluxes in soldering difficult metals. Soldering with "331" should always be followed with a water wash to remove the residues which are conductive and can absorb moisture. Flux by weight: 3.3%

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
533-24-6337-6422		63/37	0.015	1	45.16	40.14	35.68
533-24-6337-6401		63/37	0.02	1	32.54	32.04	26.72
533-24-6337-6417		63/37	0.025	1	27.20	24.18	20.06
533-24-6337-6403		63/37	0.031	1	25.65	22.80	18.92
533-24-6337-6411		63/37	0.062	1	22.16	19.70	16.35
533-24-6040-6403		60/40	0.031	1	26.21	24.21	23.30
533-24-6040-6411		60/40	0.062	1	22.16	19.70	18.99

LIQUID FLUX

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

For quantities 36 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each			
Mfr.	Mfr. Part No.		1	6	12	24
533-63-0000-0977		977 VOC-Free No-Clean	43.47	41.11	39.12	36.62

PASTE FLUX

A standard all purpose 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. Not for use in electrical/electronic applications.

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each		
Mfr.	Mfr. Part No.		1	10	25
533-83-0000-0001		SP-30, 2 oz.	2.73	2.46	2.21

FLUX-PEN®

For rework and touch-up soldering. The chisel point allows work in confined spaces. Spring valve prevents the flux inside of the pen from "drying out".



For quantities 10 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each	
Mfr.	Mfr. Part No.		1	5
533-0186		#186 RMA flux	4.38	4.33
533-0951		#951 No clean	4.38	4.33
533-2331		2331-ZX Water soluble flux	4.38	4.33

BAR SOLDER



For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each		
Mfr.	Mfr. Part No.		1	10	25
533-04-6337-0050		SN63PB37 Ultrapure, 1 2/3 lbs.	39.82	35.87	31.46

ACTIVATED ROSINS FLUX

Kester Activated Rosin Flux has been developed for fluxing applications where non-activated and mildly activated rosin fluxes are too inactive to remove metal oxides, where proper and complete residue removal of potentially corrosive water-soluble organic acid flux is not possible, and where soldering of electronic assemblies requires instant wetting and excellent capillary flow.



For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
533-24-7068-1401		Sn96.5/3.0Ag/0.5 Cu	0.020	1	51.72	51.02	50.64
533-24-7068-1406		Sn96.5/3.0Ag/0.5 Cu	0.025	1	43.93	43.11	42.51
533-24-7068-1402		Sn96.5/3.0Ag/0.5 Cu	0.031	1	39.92	38.84	37.28
533-24-7068-1404		Sn96.5/3.0Ag/0.5 Cu	0.050	1	46.46	41.92	34.79
533-24-7068-1400		Sn96.5/3.0Ag/0.5 Cu	0.062	1	46.48	41.32	34.29

NO-CLEAN FLUX

For cored solder wire was developed to provide superior wetting performance for hand soldering.

Standard Performance Characteristics:

- Colorless translucent residues
- Improves wetting performance
- Excellent solderability and fast wetting
- Low smoke
- Low odor
- Low spattering



LEAD-FREE

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
533-24-7068-7603		Sn96.5/3.0Ag/0.5 Cu	0.020	1	57.25	53.82	44.67
533-24-7068-7617		Sn96.5/3.0Ag/0.5 Cu	0.025	1	45.48	38.01	34.35
533-24-7068-7601		Sn96.5/3.0Ag/0.5 Cu	0.031	1	41.87	39.51	37.28
533-24-7068-7606		Sn96.5/3.0Ag/0.5 Cu	0.050	1	43.04	40.56	34.79
533-24-7068-7607		Sn96.5/3.0Ag/0.5 Cu	0.062	1	51.65	41.32	34.29

WATER SOLUBLE FLUX

Kester water soluble fluxes are high activity, organic fluxes designed for automated soldering of circuit board assemblies where more aggressive fluxes are required, but reliability considerations are paramount. The residues after soldering are effectively removed in standard water cleaning systems. Although possessing high activity, boards exhibit high ionic cleanliness after water cleaning.

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.				1	10	25
533-24-7068-6417		Sn96.5/3.0Ag/0.5 Cu	0.025	0.025	51.52	45.80	38.01
533-24-7068-6409		Sn96.5/3.0Ag/0.5 Cu	0.050	0.050	37.54	37.02	34.79
533-24-7068-6411		Sn96.5/3.0Ag/0.5 Cu	0.062	0.062	46.48	41.32	34.29

LEAD-FREE SOLDER



LEAD-FREE

For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Dia. (in.)	Weight (lbs.)	Price Each		
Mfr.	Part No.				1	10	25
No Clean							
533-24-7068-7600		Sn96.5/3.0Ag/0.5Cu	0.031	1	99.89	88.55	77.65
533-24-7068-7602		Sn96.5/3.0Ag/0.5Cu	0.02	1	70.64	69.98	69.05
Water Soluble							
533-24-7068-6401		Sn96.5/3.0Ag/0.5Cu	0.020	1	58.25	52.82	44.67
533-24-7068-6403		Sn96.5/3.0Ag/0.5Cu	0.031	1	44.37	42.99	37.28

ULTRAPURE® K100 LEAD FREE BAR SOLDER

Designed specifically as a low-cost alternative to traditional lead-free alloys. This is a near-eutectic tin/copper alloy with controlled metallic dopants to manage the grain structure within the solder joint. The improved grain structure also results in completely filled and shinier solder joints than traditional lead-free alloy alternatives.



LEAD-FREE



For quantities 50 and up, call for quote.

MOUSER STOCK NO.		Description	Weight (lbs.)	Price Each		
Mfr.	Mfr. Part No.			1	10	25
533-04-7068-0000		Sn96.6/3.0Ag/0.5Cu Lead Free Bar	1.66	59.88	57.53	52.70
533-04-9571-0050		K100 Lead Free Bar	1.66	60.58	54.52	49.04