NTE ELECTRONICS, INC.

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Kester Solder Products



Wide range of solders and related materials from the leader in the industry.

KESTER

- Wire Solder
- Bar Solder
- Carded & Counter Display Products
- Chemicals
- Techform Products
- Solder Paste

Industrial

Consumer

Solder Products

and Accessories



NTE ELECTRONICS, INC.

Spooled Wire Solder

Kester's reputation as the leader in wire solder comes from its proprietary method of manufacturing first patented over ninety years ago and continually improving over the years. Spools are available in the most commonly used fluxes, alloys and diameters for electrical, industrial, plumbing and electronic applications. Features color coding for easy identification.

WIRE SOLDER, 1 LB. SPOOL Flux Type	Kester Part Number	Core Size[1]	Alloy	Diameter Inches	Gauge
"44" Resin "RA"	24-4060-0061	66	40/60	.062	16
Activated Rosin Core	24-4060-0066	66	40/60	.093	13
	24-6040-0007	66	60/40	.015	28
	24-6040-0010	66	60/40	.020	25
	24-6040-0018	66	60/40	.025	23
	24-6040-0027	66	60/40	.031	21
	24-6040-0039	66	60/40	.040	19
	24-6040-0053	66	60/40	.050	18
	24-6040-0061	66	60/40	.062	16
	24-6040-0066	66	60/40	.093	13
	24-6337-0007	66	63/37	.015	28
	24-6337-0010	66	63/37	.020	25
	24-6337-0018	66	63/37	.025	23
	24-6337-0027	66	63/37	.031	21
	24-6337-0039	66	63/37	.040	19
	24-6337-0053	66	63/37	.050	18
	24-6337-0061	66	63/37	.062	16
	24-7150-0027	66	62/36/2	.031	21
88	24-6337-8213	66	63/37	.031	21
	24-6337-8219	66	63/37	.040	19
	24-6337-8227	66	63/37	.062	16
"285" RMA Core	24-6040-9703	66	60/40	.015	28
	24-6040-9702	66	60/40	.020	25
	24-6040-9710	66	60/40	.031	21
	24-6040-9711	66	60/40	.062	16
	24-6337-9700	58	63/37	.020	25
	24-6337-9713	58	63/37	.031	21
	24-6337-9703	66	63/37	.015	28
	24-6337-9718	66	63/37	.025	23
	24-6337-9711	66	63/37	.062	16
"331" Water Soluble Core	24-6040-6422	66	60/40	.015	28
	24-6040-6401	66	60/40	.020	25
	24-6040-6417	66	60/40	.025	23
	24-6040-6403	66	60/40	.031	21
	24-6337-6422	66	63/37	.015	28
	24-6337-6401	66	63/37	.020	25
	24-6337-6403	66	63/37	.031	21
	24-6337-6411	66	63/37	.062	16
"245" No-Clean Core	24-6040-8800	50	60/40	.031	21
	24-6337-8806	50	63/37	.015	28
	24-6337-8807	50	63/37	.020	25
	24-6337-8809	50	63/37	.025	23
	24-6337-8800	50	63/37	.031	21
	24-6337-8814	50	63/37	.050	18
	24-6337-8817	50	63/37	.062	16
	24-7150-8800	50	62/36/2	.031	21
Acid Core	24-4060-2437	66	40/60	.125	11
	24-5050-2437	66	50/50	.125	11
	24-7031-2437	66	Aquabond[2]	.125	11
282 Flux	24-6040-7400	66	60/40	.020	25

Spooled Wire Solder (continued)

Flux Type	Kester Part Number	Core Size[1]	Alloy	Diameter Inches	Gauge
Solid Wire	14-4060-0125	N/A	40/60	.125	11
	14-5050-0062	N/A	50/50	.062	16
	14-5050-0125	N/A	50/50	.125	11
	14-6040-0125	N/A	60/40	.125	11
	14-7016-0125	N/A	98/2 Ag	.125	11
	14-7080-1001	N/A	95/5 Sb	.093	13
	14-0000-8053	N/A	Aquabond[2]	.093	13
WIRE SOLDER, 5 LB. SPOOL					
Flux Type	**Kester Part Number**	**Core Size[1]**	**Alloy**	**Diameter Inches**	**Gauge**
44 Rosin	26-6040-0061	66	60/40	.062	16
	26-6040-0065	58	60/40	.093	13
Solid Wire	16-4060-0062	N/A	40/60	.062	16
	16-6040-0061	N/A	60/40	.061	15
	16-6040-0062	N/A	60/40	.062	16

Note 1. Flux Core 50 = 1.1% by weight, Flux Core 58 = 2.2% by weight, Flux Core 66 = 3.3% by weight. Note 2. Aquabond is a Kester trademark for a *LEAD-FREE* alloy containing: 97% Sn/2%Cu/0.8%Sb/0.2Ag.





Bar Solder

Used in applications where large volumes of solder are needed for tinning, sheet metal work or plumbing. Kester E-bar is designed for electrical, electronic and mechanical applications requiring bar solder that meet or exceed the requirements of QQ-S-571-F, ASTM B32, and ANSI/J-STD-006. Kester Ultrapure® is made by a special process which controls the inclusion of oxides and metallic and non-metallic impurities. Kester Ultrapure® is the industry standard bar solder for use in high tech electronics applications where lower surface tension and hole filling ability are essential. The purity of Kester Ultrapure® far exceeds the requirements of QQ-S-571-F, ASTM B32, and ANSI/J-STD-006. Kester also has available Ultra Low Dross, Ultrapure® HAL.

Alloy (Grade)	Kester Part Number	Net Weight Each Bar	Net Box Weight
30Sn/70Pb (E-Bar)	04-3070-0000	1 lb.	25
40Sn/60Pb (E-Bar)	04-4060-0000	1 lb.	25
50Sn/50Pb (E-Bar)	04-5050-0000	1 lb.	25
60Sn/40Pb (E-Bar)	04-6040-0000	1 lb.	25
60Sn/40Pb (Ultrapure®)	04-6040-0050	1 2/3 lb.	25
63Sn/37Pb (E-Bar)	04-6337-0000	1 lb.	25
63Sn/37Pb (Ultrapure®)	04-6337-0050	1 2/3 lb.	25
96.3Sn/3.7Ag (E-Bar)	04-7050-0000	1 lb.	25







NTE ELECTRONICS, INC.

Carded Display Products

Kester offers a Bubble Pak product for virtually every soldering application. Displayed on attractively designed four colored cards, these Kester products make it easy for anyone to achieve professional soldering results.

Kester Part Number	UPC Number	Description
82-1000-0186	82186	186 Rosin Soldering Type RMA Flux Pen, 1/3 fl oz.
82-1000-0951	82151	951 Low Residue (No Clean) Flux Pen, 1/3 fl oz.
82-5000-0003	82503	40/60 All Purpose Elect. Rosin Core .062 dia., 1 oz.
82-5000-0004	82504	60/40 Hi-Tech Elect. Rosin Core .040 dia., 1/2 oz.
82-5000-0005	82505	98/2 L/F Flux Cored Silver Solder .050 dia., 1 oz.
82-5000-0008	82508	50/50 All Purpose Solid Wire .062 dia., 1 oz.
82-5000-0011	82511	SP30 Paste Flux with Brush, 2 oz.
82-5000-0017	82517	40/60 All Purpose Elect. Rosin Core .050 dia., 4 oz.
82-5000-0018	82518	50/50 General Purpose Solid Wire .093 dia., 4 oz.
82-5000-0019	82519	60/40 Hi-Tech Elect. Rosin Core .031 dia., 4 oz.
82-5000-0023	82532	All Purpose Acid Brushes
82-5000-0024	82524	Lead Free Aquabond Solid WIre .062 dia., 1 oz.
82-5000-0025	82525	Lead Free Aquabond Solid WIre .093 dia., 4 oz.
82-5000-0026	82526	Lead Free Aquabond Paste Solder, 1.5 oz.
82-5000-0041	82541	SP-50 Self Cleaning Paste Flux with Brush, 2 oz.
82-5000-0046	82546	63/37 No Clean Elect. Core .020 dia., .35 oz.
82-6000-6502	82602	Lead Free Aquabond Acid Core .062 dia., 1 oz.
82-6000-6504	82604	Lead Free 95/5 Elect. Rosin Core .056 dia., 1 oz.
82-6000-6517	82617	Lead Free 95/5 Elect. Rosin Core .050 dia., 4 oz.
82-6000-6519	82619	Lead Free Hi-Tech Elect. Rosin .031 dia., 4oz.
82-6000-6531	82631	Lead Free Silver Paste Solder Syringe, .25 oz.
82-6000-6533	82633	Lead Free Aluminum Paste Solder Syringe, .25 oz.
82-6000-6534	82634	Lead Free Aquabond Plumbers Kit
82-6000-6535	82635	95/5 Lead Free Hi-tech Elect. Solder, .040 dia., .5 oz.
82-6000-6536	82636	Ultrapure® Lead Free Tip Tinner, .7 oz. can











Counter Display Products

Kester has a variety of items in convenient counter displays. Available are such items as the popular Flux Pens™, Liquid Flux, Tinning Blocks, Solder Saver, and various Pocket-Pak™ and Kwik-Draw™ solder dispensers.

• Kester Flux-Pens™ are a unique tool for rework and touch up soldering. It contains a spring loaded, chisel point tip which dispenses just the right amount of flux while limiting operator exposure to soldering chemicals. The chisel point allows work in very confined spaces while the spring valve prevents the flux inside the pen from drying out. The Flux-Pen is ideally suited for TAB assembly, No-clean and surface mount rework applications because it can deliver flux only to specific areas as simply as writing.

• Kester Tinning Blocks make it easy to take proper care of your soldering irons. Simply rub the HOT soldering iron tip across the surface of the sal ammoniac block and it will be simultaneously cleaned and tinned in one operation. Tips will last longer and perform better.

• Kester Pocket-Pak™ contain 0.5 oz of 60tin/40lead .031" diameter rosin cored solder. It is ideal for electronic and small volume soldering applications. The clear dispensing tube feeds solder easily and comes with a handy shirt pocket clip.

• The Kester Kwik-Draw™ features 60tin/40lead, "44" Rosin flux core solder, with an 0.053" diameter. This package feeds solder freely from one end making it ideal for keeping in a tool box. The Kester Kwik-Draw is a bit heftier than the Pocket-Pak for the more serious repair person.

Kester Part Number	UPC Number	Description	Net Weight Each	Carton Quantity
51-0000-0005	-	Tinning Block	8 oz.	24
56-0001-5747	-	#5747 Solder Saver	1.75 lb.	7
83-0000-0001	83001	SP-30 Acid Paste Flux	2 oz.	12
83-0000-0144	83044	SP-44 Rosin Paste Flux	2 oz.	12
83-0000-0150	83150	SP-50 Self Cleaning Acid Paste Flux	2 oz.	12
83-0000-0188	-	SP-88 Rosin Paste Flux	2 oz.	10
83-0000-0527	83027	Lead Free Aquabond Solid Wire, .062 dia.	1 oz.	20
83-0000-5050	83050	50/50 Solid Wire Solder, .062 dia.	1 oz.	20
83-0000-5055	83055	60/40 Computer/Elec. Solder, .040 dia.	.5 oz.	20
83-0000-6664	83064	98/2Ag Acid Core, Sil-Strong Silver Solder, .056 dia.	1 oz.	20
83-3000-0000	83300	60/40 Kwik-Draw, .053 dia.	1.3 oz.	50
83-4000-0000	83400	60/40 Pocket Pak, .031dia	0.5 oz.	50
83-4000-4010	-	Ultra Pure Tip Tinner	0.7 oz.	10
83-4060-0327	83427	40/60 TV/Radio Solder, .062 dia.	1 oz.	20
83-4060-0410	83310	40/60 Metal Mender Solder, Acid Core, .062 dia.	1 oz.	20
83-7145-0415	83715	SN62/PB36/AG02 Elec. Silver Solder, .020 dia.	0.35 oz.	50
84-0000-0044	-	SP-44 Rosin Paste Flux	1 lb.	10
84-0000-1001	-	SP-30 Acid Paste Flux	1 lb.	10
84-0000-1429	-	1429 Formula All Purpose Water Soluble Liquid Flux	4 fl. oz.	12



Techform Products



Temporary Solder Masks and Adhesives are now available through Kester's Techform line. The solder masks are applied to printed circuit boards to prevent solder from flowing onto edge connectors, gold fingers, or empty through-holes. The adhesives are designed to form a bond that will maintain strength during normal operating conditions.

Description	Formula	Available Packaging	Kester Part Number
Transformer potting compound	ETC-1	8 LB	53-4108-0001
Adhesive sealing	TC-438	2 LB	53-4102-0438
	TC-438	8 LB	53-4108-0438
Connector potting compound and cable junction molding	TC-447	2 LB	53-4102-0447
	TC-447	8 LB	53-4108-0447
	TC-459	2 LB	53-4102-0459
	TC-459	8 LB	53-4108-0459
Mold release	TC-521	1 GAL	53-4003-0521
	TC-521	5 GAL	53-4004-0521
	TC-521	53 GAL	53-4005-0521
	TC-521	Aerosol	53-4707-0521
Peelable mold seal and solder mask	TC-527	1/2 PT	53-4000-0527
	TC-527	1 PT	53-4001-0527
	TC-527	1 GAL	53-4003-0527
	TC-527	5 GAL	53-4004-0527
	TC-527HB	1/2 PT	53-4080-0527
	TC-527HB	1 PT	53-4081-0527
	TC-527HB	1 GAL	53-4083-0527
Peelable latex based DE-AMMONIATED solder mask	TC-530	1/2 PT	53-4000-0530
	TC-530	1 PT	53-4001-0530
	TC-530	1 GAL	53-4003-0530
	TC-530	5 GAL	53-4004-0530
	TC-530	53 GAL	53-4005-0530
Peelable solder mask	TC-530HB	1/2 PT	53-4080-0530
	TC-530HB	1 PT	53-4081-0530
	TC-530HB	1 GAL	53-4083-0530
Peelable latex based mold seal and solder mask	TC-533	1/2 PT	53-4000-0533
	TC-533	1 PT	53-4001-0533
	TC-533	1 GAL	53-4003-0533
	TC-533	5 GAL	53-4004-0533
	TC-533	53 GAL	53-4005-0530
Peelable solder mask	TC-533HB	1/2 PT	53-4080-0533
	TC-533HB	1 PT	53-4081-0533
	TC-533HB	1 GAL	53-4083-0533
Peelable faster drying latex mold seal and solder mask	TC-534	1/2 PT	53-4000-0534
	TC-534	1 PT	53-4001-0534
	TC-534	1 GAL	53-4003-0534
	TC-534	5 GAL	53-4004-0534
Water soluble solder mask	TC-560	1/2 PT	53-4000-0560
	TC-560	1 PT	53-4001-0560
	TC-560	1 GAL	53-4003-0560
	TC-560	5 GAL	53-4004-0560
	TC-560	53 GAL	53-4005-0560
Water soluble solder mask for screen or stencil printing	TC-563	1 GAL	53-4003-0563
Water soluble solder mask for hand or auto dispensing	TC-564-1	1/2 PT	53-4000-0564
	TC-564-1	1 PT	53-4001-0564
	TC-564-1	1 GAL	53-4003-0564
	TC-564-1	5 GAL	53-4004-0564
	TC-564-1	53 GAL	53-4005-0564
Water soluble adhesive	TC-570	1/2 PT	53-4000-0570
	TC-570	1 PT	53-4001-0570
	TC-570	1 GAL	53-4003-0570

Techform Products (continued)

Description	Formula	Available Packaging	Kester Part Number
Peelable NON latex based for printing mold seal and solder mask	TC-580	1 GAL	53-4003-0580
	TC-580	5 GAL	53-4004-0580
	TC-580	53 GAL	53-4005-0580
Adhesive	EA-750	2 LB	53-4202-0750
Copper/silver filled adhesive	EA-1002	6 OZ	53-4300-1002
Silver filled adhesive	EA-1003	6 OZ	53-4306-1003
Adhesive	TC-1520	2 LB	53-4202-1520
	TC-1520	8 LB	53-4208-1520
Neoprene cable jacket	TC-2080	2 LB	53-4102-2080
General purpose potting compound	TC-2419	2 LB	53-4102-2419
	TC-2419	8 LB	53-4108-2419
	TC-2419	40 LB	53-4140-2419
Thermally conductive potting compound	TC-2440	2 LB	53-4102-2440
	TC-2440	8 LB	53-4108-2440
Potting and impregnating compound	TC-2490	2 LB	53-4102-2490
	TC-2490	8 LB	53-4108-2490
	TC-2490	40 LB	53-4140-2490
Connector seal	TC-2575	2 LB	53-4102-2575
Thick film conformal coating	TC-3047	2 LB	53-4502-3047
Thin film conformal coating	TC-3285	2 LB	53-4502-3285
	TC-3285	8 LB	53-4508-3285
Adhesive activator	LEF109/LM-52	2 LB	53-4802-0109
	LEF46/LM-52	2 LB	53-4802-0046
Structural adhesive	LEF109 RESIN ONLY	2 LB	53-4820-0109
Adhesive activator F	LEF46 RESIN ONLY	2 LB	53-4862-0046
Activator	LM-52 ONLY	2 LB	53-4820-0052

Chemicals Products

Kester makes a complete line of fluxes and thinners. Their wide selection includes: no-clean, VOC free, water soluble and water based fluxes. All Kester fluxes possess the highest quality characteristics and are specially blended to facilitate high integrity solder joints.



Description	Formula	1 Gallon Part Number	5 Gallon Part Number
No-Clean Alcohol Based	959 Flux	63-0000-0959	64-0000-0959
	958 Flux	63-0000-0958	64-0000-0958
	951 Flux	63-0000-0951	64-0000-0951
	110 Thinner	63-0000-0110	64-0000-0110
	4662-SM Thinner	63-0024-4662	64-0024-4662
No-Clean VOC Free	977 Flux	63-0000-0977	64-0000-0977
	973 Flux	63-0000-0973	64-0000-0973
Water Soluble	2224-25 Flux	63-0025-2224	64-0025-2224
	2235 Flux	63-0000-2235	64-0000-2235
	2331-ZX Flux	63-0097-2331	64-0097-2331
	4662 Thinner	63-0000-4662	64-0000-4662
RMA	186 Flux	63-0000-0186	64-0000-0186
	120 Thinner	63-0000-0120	64-0000-0120
RA	1544 Flux	63-0000-1544	64-0000-1544
	104 Thinner	63-0000-0104	64-0000-0104

NTE ELECTRONICS, INC.

Solder Paste

All Kester solder paste formulas are manufactured using the highest quality raw materials available. A high level of quality and consistency is assured through process control techniques. All product reliability and chemical property testing is conducted by Kester's own certified Chemical Analytical Laboratories.

Application Type	Alloy to Use	Water Soluble Formulas	%	No Clean Formulas	%
Standard SMT	63/37 or 62/36/2	R560, R596L	90	256	90
Lead Free	96.5/3.5Ag, 95.5Sn/3.8Ag/0.7 Cu	R520LF	89.5	256LF	89
Low Temperature	43/43/14Bi	R596L	90	256	90
High Temperature	10/88/2Ag	R520	90	R244	90
Enclosed Print Head DEK, MPM, Panasonic, Fuji	63/37 or 62/36/2	R560	90	256	91

Preferred products, available only in jars and cartridges. **Standard package styles:** 1,400 gram cartridge, 1,000 gram cartridge, 600 gram cartridge and 500 gram jar.





NTE's other product lines

NTE semiconductors
- Power Block/Hybrid Mod.
- Industrial Rectifiers/Bridges
- Power Transistors
- Voltage Regulators
- Transient Suppressors
- Thermal Cutoffs
- Thyristors
- Zener Diodes
- Integrated Circuits
- Surface Mount Types
- Replacements for over 260,000 industry types

NTE capacitors
- Aluminum Electrolytic
- Ceramic Disc
- Tantalum
- Mylar/Polyester Film
- Motor Start/Run
- Ceiling Fan
- Snap-in Mount
- Surface Mount Types
- Multilayer (Monolithic)
- Ceramic
- Prepackaged Kits

NTE resistors
- Flameproof 1/8W to 3W
- Power Wirewound 5W/10W/25W
- Fusible Power Oxide 1W/2W
- Prepackaged Kits
- Surface Mount Types
- Metal Clad Aluminum Precision Wirewound

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- Over 430 items from Spectrol of the U.K. and Precision Electronics (P.E.C.) of Canada
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  - RV8NAY
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- 3/5/10-turn Wirewound Potentiometers
- Single-turn Carbon Potentiometers
- Single-turn Cermet Potentiometers
- Single-turn Conductive Plastic Potentiometers
- 10 & 100-turn Digital Dials
- 15-turn Vernier Dials
- Machined Aluminum Knobs

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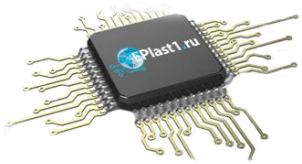
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

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Как с нами связаться

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