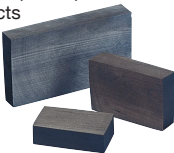




## CHARCOAL SOLDERING BLOCKS

Made from selected close-grained, knot-free wood converted into charcoal blocks by a special process. Creates a reducing atmosphere and reflects heat back on the article being soldered. Easily punctured to hold work.

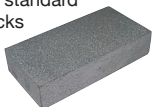
- 54.152 3 1/2" x 2 1/4" x 1 1/2" \$6.40
- 54.162 4 3/4" x 3" x 1 1/2" \$10.50
- 54.172 7" x 4" x 1 1/2" \$19.30



## Pana<sup>®</sup> PREMIUM CHARCOAL BLOCKS

Pana<sup>®</sup> extra-fine-grain charcoal is compressed for a denser block. Holds up better and lasts longer than standard blocks. 2-3 times heavier than standard blocks of same size. Imported from Europe.

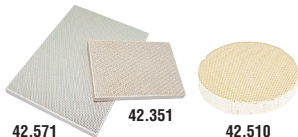
- 3 7/8" x 2 5/16" x 1 1/8" TX1550 \$10.85
- 5 1/2" x 2 3/4" x 1 1/4" TX1551 \$17.00



## HONEYCOMB CERAMIC SOLDERING BLOCKS

Non-asbestos, acid resistant, lightweight soldering blocks. Small holes dissipate heat from parts being soldered and will also hold pins to keep work in place. Maximum temperature 2,000°F.

- 3 3/4" x 5 1/2" x 1/2" 42.351 \$7.75
- 5 1/2" x 7 3/4" x 1/2" 42.571 \$12.75
- 4 1/2" dia. x 7/8" 42.510 \$10.25



## SILQUAR SOLDERING BOARDS

Non-asbestos, hard soldering board. Easily cleaned with water. Smooth and durable. Rubber feet elevates board above work surface. Withstands heat up to 2,000°F. Excellent as platform for other smaller soldering boards.

- 6" x 6" x 1/2" 42.306 \$10.35
- 6" x 12" x 1/2" 42.308 \$14.50
- 12" x 12" x 1/2" 42.312 \$22.20

## SOLDERITE<sup>™</sup> SOLDERING BOARDS

Non-asbestos material. Good all-purpose soldering board. Fairly hard, durable, will not flake or crumble. Smooth, flame-resistant surface, heat-reflective. Fast cool down time. Can be drilled or shaped with a bur or file. Max. temperature 1,700°F. Excellent base for smaller soldering boards.

- 6" x 6" x 1/2" TX1555 \$8.20
- 6" x 12" x 1/2" TX1556 \$12.25
- 12" x 12" x 1/2" TX1557 \$20.90

## SOLDERITE<sup>™</sup> SOFT SOLDERING PADS

Same non-asbestos material as Solderite soldering boards, but in a softer composition. Use with push pins, embed objects, quickly align parts. Superior heat reflection, insulating qualities. Fast cool down time. Won't crumble, crack, or break down. Max. temperature 1,700°F.

- 6" x 6" x 3/4" TX1558 \$8.20
- 6" x 12" x 3/4" TX1559 \$12.25
- 12" x 12" x 3/4" TX1560 \$20.90

## ROTATING SOLDERING TABLES

Table rotates on ball bearing lazy susan-style bases providing 360° access to parts being soldered. Move table not torch. Height of table is 1".

### SQUARE TABLE

Comes with 6" x 6" x 1/2" Square Silquar Soldering Board  
42.660 \$25.45

### Replacement Boards

- Silquar Board - 6" x 6" x 1/2" 42.306 \$10.35
- Solderite Board - 6" x 6" x 1/2" TX1555 \$7.85



## FIREBRICK

An economical soldering surface that acts like Honeycomb Soldering Boards. Easy to maintain flat surface lasts longer than charcoal blocks. Porous material retains heat making it easy to maintain level temperatures.

- TX1561 \$9.50



## MAGNESIA SOLDERING BLOCK

Soft, fire-proof material into which work or pins can easily be pressed. Withstands temperatures up to 2,000°F.

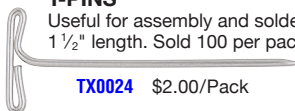
- 54.186 \$4.10



## T-PINS

Useful for assembly and soldering. 1 1/2" length. Sold 100 per pack.

- TX0024 \$2.00/Pack

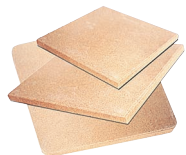


## CORDIORITE SOLDERING BOARD with GROOVES

Non-asbestos hard soldering board. Flat on one side.

Grooved on the other side for holding chain, ring, shanks, etc. Withstands temperatures up to 2,000°F.

- 54.219 7 1/2" x 7 1/4" x 7/8" \$22.00



### ROUND TABLE

Comes with grooved 4 1/2" diameter Silquar soldering disc.  
42.550 \$25.30

### Replacement Discs

- Silquar Disc - 4 1/2" dia. 42.315 \$8.25



### THIRD HAND HOLDERS

Handy work holding devices with either round or horseshoe cast iron bases. Two swivel pivot ball-joint attachments can position cross-locking tweezers at any angle.



#### THIRD HAND with TWEEZERS

Cross-locking 6 1/2" tweezer closes when released. Mounted on heavy-duty round or horseshoe base.

Round Base  
w/Cross-locking Tweezer  
**54.080** \$11.75

Horseshoe Base  
w/Cross-locking Tweezer  
**54.090** \$13.75



#### REPLACEMENT TWEEZER

Stainless steel, serrated, blunt tipped, cross-locking tweezer. Sold in packs of 2.



**TWZ947.00** 6 1/2" length \$5.50 (2/Pack)



#### DOUBLE CLAMP and STAND

Available with a heavy round or horseshoe base. Pivot ball-joint holds a sliding crossbar with a pivot ball-joint on each end holding spring loaded alligator clips.

Attach tweezers or work to the alligator clips to free both hands.

Round Base  
**54.085** \$15.35

Horseshoe Base  
**54.095** \$15.95



#### MAGNETIC THIRD HAND

Designed to hold your work securely in place. Holds 5 oz. of weight at the end of a 6" tweezer. Magnetic ball rotates with ease and precision.

Includes tweezer.  
3" dia. x 3 1/2" high.  
**119.500** \$24.50



#### TRIPOD with MESH SCREEN

Place work on fine mesh screen. Heat from below when soldering, brazing, enameling or using alcohol lamp. 6" square mesh screen.

9" Tripod w/Mesh Screen  
**SOL730.00** \$8.75

6" Tripod w/Mesh Screen  
**SOL735.00** \$8.25

Replacement 6" x 6" Mesh Screen  
**SOL730.10** \$2.75

Heavy 6" x 6" Mesh Screen  
**14.330** \$5.60



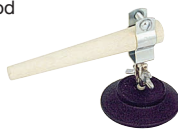
#### ROUND CERAMIC RING STICK on ROTATING BASE

Tapered hard ceramic 5 3/4" rod holds rings for soldering. Mounted on cast iron swivel base with 2 pivot joints allowing the rod to be positioned or angled as needed.

**42.675** \$18.50

Replacement 5 3/4" Ceramic Rod

**42.676** \$8.50



#### CARBON RING SOLDERING STAND

Tapered carbon rod mounted in fixed position on a heat-resistant, non-asbestos base. Holds rings securely leaving both hands free. 5 3/4" rod.

**42.678** \$20.25

Replacement 5 3/4" Carbon Rod

**42.681** \$8.75



#### CERAMIC RING SOLDERING STAND

Tapered ceramic rod mounted in fixed position on a heat-resistant, non-asbestos base. Holds rings securely leaving both hands free. Ceramic rods are cleaner than carbon rods and hold heat better. 5 3/4" rod.

**42.679** \$19.50

Replacement 5 3/4" Ceramic Rod

**42.676** \$8.50



#### IRON BINDING WIRE

Soft iron wire for holding pieces tightly together when soldering. Sold in 8 oz. spools.

**IR4760** 25 ga. (0.020") \$6.00

**IR4761** 26 ga. (0.018") \$6.50

**IR4762** 28 ga. (0.016") \$6.80

**IR4763** 30 ga. (0.014") \$8.25

**IR4764** 32 ga. (0.013") \$8.50

**IR4765** 33 ga. (0.011") \$11.30



#### STAINLESS STEEL BINDING WIRE

Dead soft Type 304 stainless steel wire for holding pieces together when soldering. Will not contaminate pickling solutions. Sold in 1 lb. spools.

**ST4550** 14 ga. (0.064") \$13.75

**ST4551** 16 ga. (0.051") \$13.75

**ST4552** 18 ga. (0.040") \$13.75

**ST4553** 20 ga. (0.032") \$13.75

**ST4554** 22 ga. (0.025") \$14.60

**ST4555** 24 ga. (0.020") \$14.60

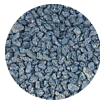


#### SILICON CARBIDE SOLDERING GRAIN

Irregular shaped silicon carbide grain holds objects in place when soldering. Use in annealing pan or on soldering board. Acts as a nest — object is embedded in grain with part to be soldered left exposed. Reusable. Sold in 2 lb. containers.

Medium Silicon Carbide Grain (20 Grit)

**TX1570** 2 lbs. \$18.50



## BATTER'S SELF PICKLING HARD SOLDER FLUX

Makes hard soldering small parts easy. Use on silver, gold, platinum and other metals with high melting points. Dissolves oxides, preserves temper and color of metal. Special adhesive qualities of this liquid flux help hold small pieces of solder in place.

<b>S08325</b>	1 oz.	\$2.90
<b>S08326</b>	3 oz.	\$3.65
<b>S08327</b>	8 oz.	\$5.30
<b>54.406</b>	16 oz.	\$8.05
<b>54.408</b>	32 oz.	\$15.25



## HANDY LIQUID FLUX

Liquid flux dissolves oxides leaving clean surface that allows silver or gold solder to flow freely. Wash off excess flux with water. Contains fluorides.

**CHM130** 1 qt. \$14.50



## PRIP'S FLUX

Use when soldering gold, silver and all non-ferrous metals especially nickel silver. Provides excellent firecoat protection. Contains boric acid.

**54.502** 8 oz. Bottle \$5.30



## "MAGIC BORIC" SOLDERING DIP

Dip the piece to be soldered into "Magic Boric," remove and solder. The flux is built right in. No burn-off or waiting to solder. Prevents firescale, reduces soldering time.

**CLN190.00** 16 oz. Bottle \$8.95



## SPAREX PICKLE #2 (Non-Ferrous Metals)

Dry, granular, acid compound. Use for pickling, cleaning and removing surface oxidation and scale from non-ferrous metal.

**CHM096** 2 1/2 lb. Bag \$5.75  
**CHM097** 10 oz. Jar \$3.25



## SPAREX PICKLE #1 (Iron & Steel)

Dry, granular, acid compound. Use for pickling, cleaning and removing surface oxidation, rust, scale and incrustations from iron and steel.

**CHM120** 2 1/2 lb. Can \$6.75



## RIVAL LITTLE DIPPER

### "Electric Pickling Crock Pot"

Automatically keeps pickling solution at the right temperature (approx. 125°F) and keeps it from boiling away. Safe. Heating elements wrap behind and around stoneware insert. Includes cover. 120 volts. Holds 16 oz. pickling solution.

**TX1575** \$19.50



## BORIC ACID POWDER

Use as a hard soldering flux for silver and gold. Mix with denatured alcohol to make de-oxidizing soldering flux.

**54.522** 7 oz. Jar \$5.30

**54.523** 16 oz. Jar \$7.00



## PUMP FLUX DISPENSER

Durable plastic bottle. Easy to refill with liquid flux. Dispenses a limited amount of flux into top reservoir for non-messy flux brush application.

**54.415** \$21.60



## NEEDLE TIP FLUX DISPENSER

Stainless steel needle tip provides controlled distribution of liquid flux. Eliminates dripping or dried-up flux. Squeeze type bottle.

**SOL901** \$4.75



## TITANIUM SOLDERING PICK

Sharp, pointed, titanium tip to which gold and silver solder will not adhere. Wooden handle does not conduct heat.

6 1/2" length  
**TX1580** \$3.95



## DELUXE TITANIUM PICK

Will lift minute pieces of molten solder. High tech titanium rod to which silver and gold solder will not adhere. Non-conductive, non-roll handle.

6 1/2" length  
**SPK930.00** \$4.65



## TUNGSTEN PICK

For spreading and maneuvering molten solder since it will not adhere to high melting tungsten. Use for silver and gold. Excellent for platinum soldering. Hardwood handle for insulation.

6" length  
**SPK940.00** \$6.25



## TITANIUM SOLDERING PICKS

Machined titanium tip collects small pieces of silver or gold solder. Ribbed aluminum handle. Assorted color soldering picks for different solders.

6 1/4" length



**PE300.00B**  
 Blue \$3.25

**PE300.00R**  
 Red \$3.25

**PE300.00Y**  
 Yellow \$3.25

## NIOBIUM SOLDERING PICK

High temperature niobium is excellent for handling platinum solder. Pick may be bent to any angle. Hardwood handle.

6 3/4" length  
**SPK945.00** \$5.80



## HANDY FLUX

Use for hard soldering of silver, gold, brass, copper, platinum, nickel silver and other non-ferrous metals. Active fluoride-type flux.

Long lasting. Melts and dissolves oxides and won't break down. Clean up with hot water.

<b>CHM140</b>	7 oz. Jar/Brush	\$6.45
<b>S08339</b>	8 oz. Jar	\$6.75
<b>S08340</b>	1 lb. Jar	\$10.25



## KWIK FLUX

Quick, powerful, clear, creamy paste flux for silver brazing and hard soldering silver, nickel silver, stainless steel, etc. Contains fluorides.

<b>SOL935.03</b>	12 oz.	\$9.50
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## BLACK FLUX

A special compound water-base paste flux for high temperature and prolonged soldering conditions. Chemically cleans metal surface, provides positive barrier to oxidation and provides free flow for solder. Use on silver, stainless steel, platinum and steel. Contains potassium salts of fluorine and boron. Sold in 8 oz. container.

<b>CHM095</b>	8 oz. Container	\$6.50
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## KOOL JOOL

Protects stones and jewels from heat while soldering. No need to remove jewels from settings (except opals). They remain cool next to flame of torch. Rinses off in plain water.

<b>54.468</b>	8 oz. Jar	\$7.30
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## COLD SHIELD

Non-toxic, non-corrosive paste that protects stones, plastics and precious metals from heat damage while soldering or brazing. Withstands heat up to 3,000°F. Cleans up easily with water.

<b>S0119</b>	16 oz. Jar	\$12.25
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## VIGOR HEAT SHIELD PROTECTIVE PASTE

Protects components and stones under direct 3,000°F flame. Not necessary to remove stones before soldering. Prevents oxidation and is odorless and non-toxic. Washes off with water.

<b>54.448</b>	1 lb. Jar	\$12.25
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## GRIFFITH YELLOW OCHRE

Mix small amounts of yellow ochre with alcohol and apply to area to be soldered. Prevents the flow of solder to unwanted areas, such as a previously soldered joint or the moving parts of a catch.

<b>54.471</b>	2 oz. Jar	\$4.15
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## PRO-CRAFT YELLOW OCHRE

Mix ochre and water to form a paste. Paint on areas to prevent the flow of solder, such as a previously soldered joint or the moving parts of a catch.

<b>54.470</b>	8 oz. Plastic Jar	\$8.65
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## FIRESCOFF® CERAMIC FLUX SPRAY

A spray coating that produces a consistent, predictable solder flow for flawless, void-free welds. Prevents scale, acts as a flux and washes off with water. Non-toxic.

<b>CHM131</b>	4.25 oz. Bottle	\$23.70
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## DANDIX PASTE FLUX

Fluoride-free paste flux. Use when soldering silver, gold, brass and copper. Dissolves oxides and prevents discoloration.

<b>S08328</b>	1 1/2 oz. Jar	\$5.75
<b>S08329</b>	8 oz. Jar	\$10.90
<b>S08330</b>	16 oz. Jar	\$16.45



## PRO-CRAFT JEL FLUX

Transparent, hard soldering flux, stays put like a paste, yet will not run like a liquid. Eliminates blind-joint soldering. Suitable for all non-ferrous metals. Self-pickling. Contains boromoxide. No toxic fumes. Biodegradable.

<b>54.438</b>	2 oz. Bottle	\$6.00
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## BORAX®

Makes flux for jewelry soldering. Dissolves to paste. Inhibits the formulation of oxides on metal surfaces and allows solder to flow easily.

<b>22.822</b>	16 oz. Jar (Powder)	\$6.60
<b>54.252</b>	4 oz. Cone	\$6.70



## FLUX-PASTE BRUSHES

Extra stiff black horsehair brush with tin handle. Used in soldering operations. Sold by the dozen.

<b>16.250</b>	1/4"W x 3 1/4"L	\$1.30/Dozen
<b>16.251</b>	3/8"W x 5 3/4"L	\$1.60/Dozen
<b>16.252</b>	1/2"W x 5 3/4"L	\$2.50/Dozen



## FLUX BRUSHES w/WOOD HANDLES

Well constructed camel hair brushes are noted for durability. Use for applying liquid fluxes, ochre, resists. Sold in packs of 3.

<b>TX1585</b>	#1 — 7" length	\$5.25/Pack
<b>TX1586</b>	#2 — 7" length	\$5.50/Pack
<b>TX1587</b>	#3 — 7" length	\$5.75/Pack

## PROBET-U.S.A. RED SABLE BRUSHES

Pure red sable tips with needle-sharp hand cupped points. Bristles are mounted in seamless aluminum ferrules attached to wooden handles. Sold in packs of 2.

<b>16.258</b>	#3/0 — 7" length	\$4.30/Pack
<b>16.259</b>	#2/0 — 7" length	\$4.30/Pack
<b>16.260</b>	#0 — 7" length	\$4.30/Pack
<b>16.261</b>	#1 — 7" length	\$4.30/Pack

## ANNEALING PANS with PUMICE

Iron annealing pans rotate 360° on ball bearing bases for unlimited access to work. Torch is not moved, only annealing pan. Heat reflecting lump pumice can be arranged to position work for annealing or soldering, or used as a base to support charcoal or honeycomb soldering blocks.



### 7" ANNEALING PAN

7" dia. (2" deep) pan. Comes with 1 1/2 lb. of lump pumice.

**42.245** \$20.50

### Replacement Pumice

**42.246** 1 1/2 lb. \$7.50



### 12" ANNEALING PAN

12" dia. (3" deep) pan. Comes with 2 1/2 lb. of lump pumice.

**54.120** \$58.95

### Replacement Pumice

**54.122** 2 1/2 lb. \$11.25



### VIGOR

### 12" ANNEALING PAN (Extra Deep)

Specially designed pan — 12" dia. (4" deep). Comes with 4 lb. of lump pumice.

**BT460** \$43.50

### Replacement Pumice

**BT465** 4 lb. \$16.95



Non-corrosive flux, harmless to clothing or hands. Washes off with water, even after drying. Works with any soft solder.

**S08331** 1/2 oz. Bottle \$4.40



### TIX ANTI-FLUX®

Prevents solder from flowing to unwanted areas. Brushes on easily. Can be used for hard or soft soldering.

**S08332** 1/2 oz. Bottle \$4.40



### TIX SOLDER

The hardest soft solder available. Melts at 275°F (135°C). Adheres all ordinary solderable metals. Can be used with a gun, iron, torch or soldering machine. Stays white (does not tarnish). 3" Sticks (20 sticks per package)

**S08338** \$14.95



### ALUMINUM SOLDER

Excellent new method for soldering aluminum. Paste melts at 395°F, far below the melting point of aluminum or any other metal.

7.1 gram Syringe

**S01315** \$5.25



### SILVER-BEARING SOLDER

Low temperature silver-bearing solder paste that speeds up soldering tasks. Works with the heat of a match or lighter. Will join 22 different combinations of metals.

7.1 gram Syringe

**S01316** \$5.25



### COPPER BEARING SOLDER

Specially formulated paste for use with copper, brass, nickel or bronze. No additional flux required. Contains no cadmium or antimony. Flows smoothly at 430°F.

14.7 gram Syringe

**S01317** \$6.50



### DUZALL SOFT SOLDERING FLUX

Liquid soft soldering flux for use with tin/lead, pewter, or lead-free solders, for all metals except aluminum.

**SOL502** 4 oz. Bottle \$15.75



### Weller® SOLDERING IRONS

Lightweight. Use to heat work and flow solder when soft soldering. Pencil shaped insulated handle. On/off indicator light. 110 volts.

**SP25** 25 watts \$18.50

**SP40** 40 watts \$22.25



### CANFIELD 60/40 PEWTER SOLDER

Supplied as 0.040" diameter wire. Flows easily. Contains lead. Low melting point 370°F. Soft solder pin backs on enamelled pieces. Use with soft solder flux.

**S08336** 1 lb. Spool \$20.75

**S08719** 1 oz. Coil \$3.00



### ENVIRO-SAFE LEAD-FREE SOLDER

For use in any soft solder application. Does not contain lead or zinc. Supplied as 0.040" diameter wire. Free flowing. Melting point 425°F. Use with soft solder flux.

**S08334** 1 lb. Spool \$32.85

**S08337** 1 oz. Coil \$4.00



### STAY-BRITE SILVER SOLDER KIT

High-strength silver-bearing solder melts and flows at 430°F (221°C). Provides strength without distortion caused by high temperature brazing.

Kit contains: 0.5 oz. Solder & 0.5 oz. Flux

**S08333** Solder Kit \$18.75

**54.456** 1 lb. Spool \$97.00



### Weller® SILVER-BEARING SOLDER KIT

High-strength lead-free silver-bearing solder melts and flows at 430°F (221°C). Alloy consists of 96% tin and 4% silver. 0.062" dia. solder.

Kit contains: 1 oz. Solder & 0.35 oz. Flux

**CHM150** \$4.50



### Weller® LEAD-FREE SOLDER

100% lead-free, solid wire soft solder. 0.062" diameter. Melts and flows at 415°F. Use with soft solder flux.

**CHM155** 1 oz. Coil \$1.50

