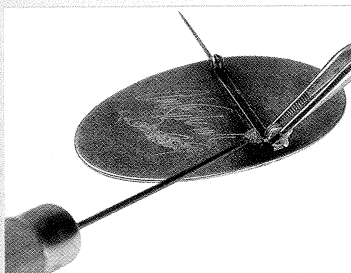


solder safely



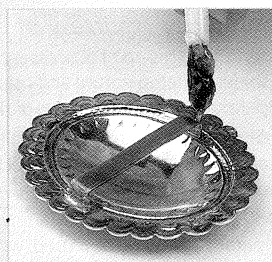
Solder Fast® lets you precisely solder findings onto pieces that can't be hard-soldered.

EXCLUSIVE

A, B



A



Use Solder Fast® flux to help solder flow.



B

Tix solder and flux are the ideal low-temperature combination!



C

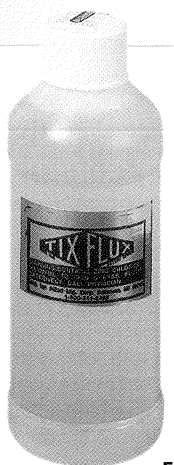


D



F

Low-temperature flux works well with a variety of metals. High-temperature solders are available on the facing page and at riogrande.com.



E

## SOLDER FAST® PASTE SOLDER & FLUX

Solder safely with the proven reliability of lead-free Solder Fast® paste solder. Paste formula is free-flowing at very low temperatures and creates clean, tarnish-free, silver-color joints.

- Special flux formula eliminates additional fluxing (pickling not recommended)
- Suitable for professional jewelry work or craft projects—perfect for soldering costume jewelry and hollowware repair work

**Please Note:** Keep all Solder Fast® products out of direct sunlight and avoid overheating.

**Important:** Too much heat applied too quickly depletes the flux before the solder can flow. Pre-heat the metal area first, then heat the paste solder slowly.

**⚠ WARNING!** Use Solder Fast® solder (or any low-temp paste solder) in a well-ventilated area; it may release toxic fumes if overheated. Please read and follow the MSDS for these products (find MSDS on the Solder Fast product pages at riogrande.com under "More Info").

### Solder Fast® for Silver

Ideal for use with all non-ferrous metals except aluminum. Extremely strong final joint is silver-color. Composition: 96% tin, 3.5% silver, 0.35% antimony and a flux agent. Special flux formulation eliminates additional fluxing; no pickling is required. Made in the USA.

Flow Temp.	Tensile Strength	Pkg Size	Order #	1 each	2 each
A. 430°F (212°C)	10,000–25,000psi	10-oz. jar	503-042	\$59.95	\$57.95

### Solder Fast® Flux

Use as a supplement for added flexibility on tough soldering jobs or to replenish flux depleted by evaporation. Solder Fast® works with the Solder Fast paste solder above. It is not formulated to use with pickle acids. Made in the USA.

Description	Pkg Size	Order #	1 each	2 each
B. Solder Fast® flux	4-oz. jar	503-040	\$14.75	\$14.25

\*Hazardous shipping charges apply when shipped by air; see page 753.

### Tix Flux and Solder

Tix solder leaves a silver-color joint and is ideal for silver, nickel and all silver-color metals. Solder is tarnish-free; contains lead (less than 2%). Tix flux is ideal for silver, nickel and most silver-color metals and is non-corrosive (clean up with water). Contains zinc and ammonium chloride. Made in the USA.

Description	Flow Temp.	Tensile Strength	Pkg Size	Order #	Sold in 3" sticks	
					1 each	2 each
C. Tix solder Pb	275°F (135°C)	4,000psi	20 sticks	504-095	\$14.75	\$14.00
D.			60 sticks	504-096	37.50	35.50

Description	Flow Temp.	Tensile Strength	Pkg Size	Order #	Sold in 8-oz. bottles	
					1 each	2 each
E. Tix flux*	260°F (127°C)	—	8 oz.	504-097	\$19.50	\$18.50

\*Hazardous shipping charges apply when shipped by air; see page 753.

### Stay-Brite Solder and Stay-Clean Flux Kit

Get a clean, silver-color joint that stays bright with this low-temperature flow solder/flux combination. Works well with soldering irons; can join copper and brass to mild steel. Kit includes ½-oz. wire solder and ½-oz. flux; refills available, see below. **Please Note:** Not suitable for aluminum. Made in the USA.

- For silver-color metals such as tin and silver; leaves a bright silver joint color
- Contains 96% tin and 4% silver; non-oxidizing

Description	Flow Temp.	Order #	1 each	2 each
F. Stay-Brite solder kit*	430°F (221°C)	503-031	\$16.50	\$15.50
Stay-Clean flux* refill, 4-oz. bottle (not shown)		503-032	10.25	9.75

\*Hazardous shipping charges apply when shipped by air; see page 753.

**⚠ WARNING!** Please see the warnings on page 753 regarding items containing lead and follow all recommended safety procedures.

**Please Note:** All items in this catalog that contain even trace amounts of lead are marked with a "Pb" symbol and are not suitable for children's jewelry.