



Turn to the PROS.



HARRIS FLUXES

All HARRIS FLUXES provide the following features:

- Homogeneous mix that stays in solution or suspended paste.
- Water Soluble Flux has excellent adherence when heated rod is dipped into flux.
- Dissolves surface oxides and protects against oxidation during heating.
- Wide activation range
- Excellent flux coverage during heating.
- Easy flux residue removal with wire brush & hot water.



eco SMART®

eco SMART® Flux - GREEN PASTE 250G

General Purpose Silver Solder Flux.

Description: Boric Acid-free Brazing Flux, contains no Sodium-Borate salts.

Colour Change: 427°C - 870°C The world's first boric acid-free smart flux.

Extremely Fluid: will penetrate the tightest joint

For Silver Soldering: Steel, stainless steel, Monel®, nickel, copper, brass, bronze and other ferrous and non-ferrous metals and alloys. Use with Stay-Silv®, Safety-Silv® and other brazing filler metals. Extremely fluid. Will penetrate the tightest joints. Not subject to recrystallization (lumpiness-hardening). May be water thinned. Remove all flux residue on completion of brazing.

CODE: **ESF250PG**

eco SMART® Flux - BLACK PASTE 250G

High Temperature or Prolonged Temperature Silver Solder Flux

Description: Boric Acid-free Brazing Flux, contains no Sodium-Borate salts.

Active Change: High Heat: 565°C - 982°C The world's first boric acid-free smart flux.

For Silver Soldering: steel, stainless steel, Monel®, nickel, copper, brass, bronze and other ferrous and non-ferrous metals and alloys. High Heat flux is designed to extend the temperature and life of the flux. This is helpful during longer part heating cycles, or in cases of intense localized heating, such as induction brazing. Extremely fluid. Will penetrate the tightest joints. Not subject to recrystallization (lumpiness-hardening). May be water thinned.



CODE: **ESF250PB**

600FX01

600 Flux for General Purpose Brazing of low fuming bronze (Manganese Bronze) and Nickel Bronze (Nickel Silver) and Tobin & Silicon Bronzes in a 0.45KG jar White Powder (formerly FLXBRONZEPWDR35). It is used with oxy-fuel braze welding using low fuming bronze and nickel silver rods on steel, copper and cast iron. It is applied to the rod by preheating the rod end and dipping the rod into the flux. The flux will adhere to the heated rod. 600 Powder flux has an active temperature range of 760°C-1200°C.



Code 600FX01 (450g)



Code: ECD1/2 (227g)

ECDF1/2

Aluminium Brazing flux in WHITE POWDER form. It is typically used to braze common aluminium base materials such as 1100, 3003, and 6061. It has a working temperature range of 490 to 600 degrees C. It is recommended for use with aluminium brazing filler metals 4047 (718) and 4145. Flux can be sprinkled dry on the part or can be mixed with water or methyl, ethyl or isopropyl alcohol to form a paste. Flux residue should be removed after brazing. The suggested procedure is to immerse part in boiling water. Flux residue is soluble in water and this process should remove it.

40003

Stay Clean Liquid Flux ,16oz.

A general purpose zinc chloride flux for soldering with all soft solders use with tin-lead solder, tin-antimony solder, Stay-Brite solder, for soldering virtually all metals, except aluminium, magnesium or titanium.



Code: 40003 (SCLF16) (450g)



Stay-Brite Kit - Code SBSK



Stay-Brite - Code 10011

SBSK	STAY BRITE KIT-FLUX + COIL IN A PLASTIC JAR. Ag4% + Sn 96%. Liquidus 221°C. All metals except Alum. 5oz Flux & 5oz of Silver Solder
10010	Stay Brite 4% Silver. 3.2mm in 0.45KG Spool. For strong joints with no annealment of the base metal. Ideal for air con/ refrigeration USE STAY-CLEAN FLUX.
10011	Stay Brite 4% Silver. (SB31). 1.6mm in 0.45KG Spool. For strong joints with no annealment of the base metal. Ideal for air con/ refrigeration USE STAY-CLEAN FLUX.
10009	STAY BRITE 8: Stay Brite 6% Silver. 3.2mm in 0.45KG Spool. For strong joints with no annealment of the base metal. Ideal for air con/ refrigeration USE STAY-CLEAN FLUX.
ALCOR2X500	Alcor Flux Cored 2mm x 500mm in a 20 rod pack. ALCoR® Zinc-aluminium brazing filler metals is designed for low temperature joining of aluminum base metals. Typical aluminium braze alloys melt and flow very close to the base metal melting temperature. ALCoR's lower operating temperatures of 377°C – 385°C, This reduces the possibility of overheating or melting the aluminium part. It can also be used to join aluminium to copper.

Stay-Brite & Stay-Brite 8

Stay-Brite solders are Tin/Silver soft solders. Having the highest strength of all soft solders and a low Liquidus (melting point) of 221°C. It offers high strength, good electrical & thermal conductivity. Non-toxic being lead, cadmium & zinc free it is well suited for Food equipment, surgical appliances as well as jewellery applications. It is suitable for use and joining of Stainless Steel, Monel, Nickel, brass, copper, bronze steel, pewter, and chrome plated materials. It remains silver and shiny in appearance due to the chemistry of the solder being such low temperature will not discolour. Not suitable for Aluminium or Magnesium (refer AL200RC for Alum).

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