



FLUXES





BRAZING FLUX

STAY-SILV® (WHITE FLUX)

An all purpose, low temperature flux for use in silver brazing. Use with most ferrous and non ferrous metals, not recommended on aluminum, magnesium, and titanium. The active temperature range is 1050°F/566°C - 1600°F /871°C

PART NO.	SIZE
SSWF1/4	1/4# JAR
SSWF1/2	1/2# JAR
SSWF7	6.5oz BTL
SSWF1	1# JAR
SSWF5	5# JAR
SSWF25	25# PAIL
SSWF60	60# PAIL
SSWF7POP	6.5oz BTL

**USA
MADE IN**

PN: SSWF60
60# PAIL



Specification	Active Temperature	Typical Application
Meets Federal Spec. OF499, Type B AWS A5.31 Class FB3A AMS 3410	Below 1600°F	For use with silver brazing alloys on all metals other than aluminum, magnesium, or titanium.

DYNAFLOW® (WHITE FLUX)

A fluid-paste silver brazing flux for automated and manual brazing. The active temperature range is 1050°F/566°C - 1600°F /871°C. Good fluidity provides excellent joint penetration, it is nonflammable, has a long shelf life, good dispensing performance and is cosmetically superior. Use with copper, brass, and steel.

PART NO.	SIZE
DYNAW50	50# PAIL

**USA
MADE IN**



STAY-SILV® (BLACK FLUX)

An all purpose, high temperature flux for use in silver brazing. Formulated for applications where the work is subjected to rapid, localized heating. Particularly useful in applications where large amounts of refractory oxides may form, such as with stainless steel alloys. Use with stainless steel, carbide, heavy parts, prolonged heating cycles. The active temperature range is 1050°F/566°C - 1800°F /982°C

Use Stay-Silv White Brazing Flux on applications requiring normal heat. Use Stay-Silv Black Flux on heavy parts, where localized overheating may occur, and where parts are heated over a prolonged period. Stay-Silv Black Flux is also suggested when brazing stainless steel.

PART NO.	SIZE
SSBF1/2	1/2# JAR
SSBF1	1# JAR
SSBF5	5# JAR
SSBF30	30#
SSBF60	60#

Conforms to J.C.
AWS Type FB3C and
AMS 3411 Specifications

**USA
MADE IN**



PN: SSBF1/2
1/2# JAR

AL-BRAZE FLUX

A powdered flux for use with aluminum brazing alloys. Use with Al-Braze 1070, 4047 (718) aluminum may be mixed with water or alcohol to form a paste.

PART NO.	SIZE
10701/2	1/2# - JAR

**USA
MADE IN**



SPEED FLUX

Speed flux is a liquid brazing flux conducted to the braze joint via the fuel gas/oxygen flame. It is used with appropriate liquid flux dispensing applicators for use with silver, copper-phosphorus-silver, and bronze brazing. It is primarily used to braze copper, brass, and steel and protects the metal surface from oxidation and discoloration. Small assemblies can sometimes be brazed without a separate paste flux application. For larger parts, where there is a long overlap, or where full penetration is necessary, a separate paste flux application is often recommended.

PART NO.	SIZE
SPDFX0H	1GL (HAZMAT) NO AIR
SPDFX0J	5GL (HAZMAT) TRUCK

NOTE:
Hazardous material SPDFX0H can not be shipped via air.

PN: SPDFX0H
1 GAL.



FLUX PRODUCTS



600 POWDER FLUX


The 600 Flux is a general purpose brazing flux. 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 1400° F to 2200° F.

**USA
MADE IN**

PART NO.	SIZE
600FX01	1# CAN
600FX50	50# PAIL

PN: 600FX01
1# CAN



700 POWDER FLUX

STAY-CLEAN® ALUMINUM FLUX

A liquid flux for use with aluminum soldering. Use with Al-Solder 500. Works to join aluminum to dissimilar metals.

STAY-CLEAN® PASTE FLUX

**USA
MADE IN**

An active soldering flux formulated for use with tin-lead, tin-antimony, and tin-silver solders. Superior flux for most metals, copper, brass, bronze, steel, stainless steel, galvanized, Monel®, Not recommended for aluminum, magnesium, or titanium. Not recommended for electrical or electronic applications.

STAY-CLEAN® LIQUID FLUX

**USA
MADE IN**

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 aluminum, magnesium or titanium. Not recommended for use in electrical or electronic applications.

Specification	Active Temperature	Typical Application
Meets Commercial Spec. A-A-51145C	Below 700°F	Excellent flux for joining copper to copper and copper to brass. Not recommended for electrical or electronic applications.

PART NO.	SIZE
700FX01	14# CAN

PART NO.	SIZE	
SCLF4	40Z BTL	LIQUID
SCLF16	160Z BTL	LIQUID
SCLF32	320Z BTL	LIQUID
SCLF1G	1GL	LIQUID
SCLF55	55GL	LIQUID
SCPF4	40Z JAR	PASTE
SCPF1	1# JAR	PASTE
SCPF4POP	40Z BTL	PASTE



PN: SCLF16
16oz



PN: SCPF4POP
4oz

BRIDGIT® FLUXES

PASTE FLUX: Designed for use with lead-free solders. Works extremely well with Bridgit lead-free solder in potable water systems and equally well with other solders. Meets all requirements of the Safe Drinking Water Act. Stays active to 800°F and will not burn at soldering temperature. This reduces black carbon formations that can result in voids and leaks.

WATER SOLUBLE FLUX: A water flushable paste that holds its shape and will not slump. Use with plumbing applications, copper and copper-alloy tubes, heating, air-conditioning, mechanical piping, and fire sprinklers. Water-soluble alternative to petroleum-based plumbing fluxes, begins cleaning metals at room temperature, excellent solderability with lead-free solders.

Specification	Active Temperature	Typical Application
Conforms to ASTM B813	Below 800°F	Designed for lead-free solders and well suited for use in larger connections where prolonged heating will cause other fluxes to burn.

PART NO.	SIZE	
BRPF4	40Z BTL	
BRPF1	1# BTL	
BRPF4WS	40Z BTL	WATER SOLUBLE
BRPF4POP	40Z BTL	WATER SOLUBLE



PN: BRPF4POP
4oz BOTTLE



PN: BRPF4
4oz BOTTLE

**USA
MADE IN**

WELDING FLUX

SOLAR WELDING FLUX

Solar Flux is a complex chemical compound in the form of a very fine powder. Solar Flux is mixed with alcohol (methanol/methyl alcohol preferred) and brushed on the weld joint. It is formulated to shield the back of the weld joint from oxygen, dissipate heat and unwanted oxides, and to clean the surface of the metal. It will aid in the flow of filler metal over base metal and form a protective barrier to prevent re-oxidation and heat scale.

Type B for stainless steel, (except 309, 310), precipitation hardening steels, chrome-moly steels, other alloy steels with nickel content below 25%.

PART NO.	SIZE
SOFB01	1# CAN

PN: SOFB01
1# CAN

