



## Alloy Braze - Flux cored Aluminum Repair

### Description

Unique aluminum torch alloy with the highly active flux contained inside the rod where it is protected from contamination. It can be applied in all positions with an oxy/fuel torch. Tungsten inert gas, DC welding machines, and other expensive welding equipment are not needed for the repair of most aluminum parts; therefore this rod fills the needs of many welders both in the shop and out in the field.

### Application

- Fabricating
- Build-up
- Repair of all weldable grades of aluminum, including cast alloys.
- Ideal for joining dissimilar gauges and for poor fit-up applications where a less fluid alloy is desired.

Is effective with any of these heat sources :

- Oxy-acetylene torch
- Natural gas torch
- MAPP Gas
- Induction

Pairs With:

- Alloy Sol Flux

### Properties

Composition		DYFWbh
Potassium and aluminum fluoride		< 15
Cesium Tetrafluoro Aluminate Complex		< 8
<b>Technical Data</b>		
Appearance:	Silver-Colored with White Flux Core	
Solidus:	826°F (441°C)	
Liquidus:	1 85 F 5 C	
Recommended Brazing Temperature	1100°F (547°C)	
Density (Lbs/in <sup>3</sup> )	0.19	
Electrical Conductivity (%IACS)	N/A	
Electrical Resistivity (Microhm-cm)	N/A	
Shelf Life:	2 years at ambient temp.	
Packaging:	Convenient Tubes	

### Product Variants

- 18" Rods
  - SW-ABFC05K - 5 Rod Pack
  - SW-ABFC15K - 15 Rod Pack