



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
Technical Data		
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 ³)	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