Rev 17.01

FC ALUM-BRAZE®

Data Sheet
Product code ALFC1832U

DESCRIPTION
UNIBRAZE FC Alum-Braze is a tubular aluminum flux cored rod with a precisely calibrated ratio of active flux to assure versatile performance. It is used for oxy-fuel brazing of aluminum base metal. The flux in the core of the wire eliminates the need for a separate flux application.
UNIBRAZE FC Alum-Braze is extremely thin flowing and works excelent for fine repairs. It can also be used as a bead forming alloy. The flux residue washes off easily after brazing.

PROCEDURE
The surface of the aluminum to be brazed should be clean, free of dirt, grease and oxides. Use a slightly carburizing flame with brazing technique 1” to 3” from the surface. Deposit small amounts of the alloy and allow it to flow out on the work area. For built up work, reduce the heat and play the flame on the filler rod just above the work area and melt drops from filler rod into the work piece. Crimp the ends of rods after use to seal in the unused flux.

NOMINAL CHEMICAL COMPOSITION
Aluminum – Silicon alloy

TYPICAL MECHANICAL PROPERTIES
Undiluted Weld Metal Maximum Value Up to:

Tensile Strength	35,000 psi (130 MPa)
Yield Strength	28,000 psi (104 MPa)
Elongation	25%

AVAILABLE FORMS
1/8" (3.2mm) X 32" (800mm) size.