



# Unibraze

## Flux Cored Aluminum

### **Description**

Unibraze Flux Cored Aluminum rod is a tubular aluminum brazing rod with a precisely calibrated ratio of flux, assuring versatile performance. The Unibraze Flux Cored Aluminum brazing rod is able to produce either thin flowing or bead forming characteristics.

### **Nominal Chemical Composition:**

Silicon	6.0% max	Copper	0.5% max
Magnesium	6.0% max	Zinc	0.5% max
Iron	1.0% max	Titanium	0.5% max
Magnesium	1.0% max	Chromium	0.5% max
Aluminum	Remainder		

### **Physical Properties:**

Melting Range	1055-1155 °F (568-623°C)
Tensile Strength	Up to 30,000 ps
Color	Bright Shiny Copper

### **Welding Technique:**

The surface should be ground and beveled along with being clean, free of dirt, grease and oxides. Use a slightly carburizing flame with brazing technique 1" to 3" from the surface and remove flux residue with a warm water rinse. 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 of the filler rod into the work piece. Crimp the ends of rods after use to seal in the unused flux. A separate flux is not generally used.

### **Available Forms:**

1/8" (3.2mm) diameter x 32" (815mm) long

Notice: The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field. The manufacturer disclaims any warranty of merchantability or fitness for any particular purpose with respect to its products.

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