

EutecRod 1801

Cadium-Free Silver Brazing Rod, Coil And Strip

DESCRIPTION

EutecRod 1801 G is an excellent general purpose brazing alloy that is often associated as the ideal replacement for many of the cadmium bearing alloys. 1801 G is suitable for joining ferrous, nonferrous and dissimilar base metals with close joint clearances. Generally, the joint strength using 1801 G will exceed the strengths of the base metals being joined. Type of joint, design of joint, joint clearances, and brazing procedures will effect the finished joint strength. 1801 G is available in bare brazing rod, coil or strip requiring preparatory fluxing with XuperBraz® 100.

- A cadmium-free silver brazing alloy filler metal available in bare rod, coil or strip
- An excellent general purpose brazing alloy that is often associated as the ideal replacement for many of the cadmium bearing alloys
- It is suitable for joining ferrous, nonferrous and dissimilar base metals with close joint clearances
- Excellent fluidity for joint clearances of .002 - .006 inches

APPLICATIONS:

- Food and dairy industry
- Electrical industry
- Brass parts / piping
- Aircraft engine coolers

PROCEDURE FOR USE:

Preparation: The base metal surfaces to be brazed must be clean and free of all dirt, oil, grease and oxides such as rust.

Finishing: All the corrosive flux residue must be removed after brazing. Rinse with water while the parts are still warm, or rinse with hot water.

TECHNICAL DATA:

Solidus: 1195°F (646°C) Liquidus: 1250°F (676°C)

Brazing Range: 1260°F - 1500°F (682°C - 815°C)

Electrical Conductivity: 19.0 % IACS

Electrical Resistivity: 9.08 Microhm-cm

AVAILABILITY:

ROD:

Length: 18"

Diameters: 1.6mm, 2.4mm

COIL:

Diameters: 0.30"

STRIP:

Size: 0.005" x 1", 0.020" x 1.5"

Color, as Brazed: Yellow White

DIAMETER
1.6mm
2.4mm
3.2mm
4.0mm
4.8mm