

**6030 FC****SILVER ALLOY****DESCRIPTION**

Economical coated **cadmium-free** rod with **medium silver content** for brazing ferrous and non ferrous metals; steels, stainless steels, copper alloys and nickel alloys.

CHARACTERISTICS

- Good capillarity
- Good corrosion resistance
- Excellent electrical conductivity
- Flexible coating
- Economical brazing

TYPICAL APPLICATIONS

Ideal for production assemblies. Excellent for tubes and fittings brazing in electrical industry and for household appliances, etc.

PROCEDURE

Clean the section to be brazed by removing grease and dirt. Heat rod tip to obtain a liquid flux. Melt the alloy in the joint through indirect heat. Cool slowly and remove flux residue by plunging into water. Use a carburizing flame.

MECHANICAL PROPERTIES

Tensile strength: 60 000 psi (414 MPa)

BRAZING PARAMETERS

Diameter: 2.5 mm (3/32") 1.6 mm (1/16")
Bonding temperature: 720 - 750°C (1330 - 1385°F)
Type of flame: Carburizing

0.5 kg tube and 6 rod kits available

Also available tubular fluxed cored rod: **Selectarc TBW 5034** (34% Ag)

Rev.: 21_08

Specialized welding alloys and technology. For technical assistance or for ordering :