

TECHNICAL DATA SHEET

Starweld 830 FC

SILVER ALLOY

Description :

Cadmium-free universal coated rods with medium silver content for brazing ferrous and non-ferrous metals, steels, stainless steels, copper and nickel alloys

Silver content (Ag) : 30%

Characteristics :

- **Economical brazing**
- Good capillarity
- Good tensile strength
- Excellent electrical conductivity
- Flexible coating

Mechanical properties :

- Tensile strength : 60 000 psi (414 MPa)
- Bonding temperature : 720 - 750°C (1330 - 1385°F)

+ **Diameter**

1.6 mm

2.5 mm

+ **Carburizing flame**

Applications :

Ideal for mass production plants. Excellent for brazing fittings and tubes for the electrical and household appliance industries, etc.

Procedure :

Clean the brazing area by removing grease and dirt, melt a little flux at the end of the rod and continue heating until the flux becomes liquid. Using indirect heat, melt the alloy in the joint. Allow to cool slowly and remove residual flux by soaking in water. Use a carburizing flame.

Also available in a kit of 6 rods: Starweld 830K

1 800 361 9097

