

# 2056 SILVER ALLOY

## The Ultimate High Silver Brazing Alloy, Cadmium Free, For Joining Ferrous and Non-Ferrous Metals

### GENERAL CHARACTERISTICS:

The cadmium free, high silver content makes 2056 the ultimate choice for joining ferrous and non-ferrous metals. Ideal for food and pharmaceutical as well as general industrial use.

### APPLICATIONS:

Use for joining and repairing stainless steel components, especially when color match is critical. Ideal for tubing, instruments, switches, ornamental trim, and laboratory equipment. Universal alloy for general maintenance and repair, now with reduced charring.

### TECHNICAL DATA:

Tensile Strength.....	76,000 psi (524 N/mm <sup>2</sup> )
Working Temperature.....	approx. 1220°F (660°C)
Elongation %.....	approx. 22%
Corrosion Resistance.....	good
Color Match.....	good on Stainless Steel
Electrical Conductivity.....	good
Diameter (in) 1/16" 3/32"	
(mm) 1.6mm 2.4mm	

### PROCEDURE:

Prepare surfaces to be joined by mechanical or chemical cleaning. Fixture parts to maintain alignment. Joint clearance should not exceed .003". Heat parts uniformly with a slightly carburizing flame. Place Slik-Sil Thernal Flux directly on the heated joint. When the flux becomes clear and fluid, melt a small amount of alloy onto the joint and continue heating to uniformly spread the alloy through the entire joint area. **DO NOT OVERHEAT THE BASE METAL.** Allow the part to cool slowly, then remove flux residue with warm water.

\*Bare rod and flux is available as 2056. Use with 8041 or 8004 Flux

Rev. 09/27/2006

New & Improved

Formulation to Reduce Charring and Increase Flow

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