



## Sil Sol 56%™ - 56% Silver Solder Flux Covered

### Description

The cadmium free, high silver content makes Sil Sol 56% 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.
  - Tubing
  - Instruments
  - Switches
  - Ornamental trim
  - Hospital equipment
  - Laboratory equipment.
- Universal alloy for general maintenance and repair, now with reduced charring.

Use any heat source :

- Oxy-acetylene torch
- Natural gas torch

### Properties

Composition	
Ag (Silver) :	30-60%
Cu (Copper):	10-40%
(Zinc (as oxide)):	10-35%
Sn (Tin):	1-7%
H <sub>3</sub> BO <sub>3</sub> (Boric Acid):	7-13%
HF <sub>2</sub> K (Potassium Bifluoride):	7-13%
K <sub>2</sub> B <sub>4</sub> O <sub>7</sub> (Potassium Tetraborate):	7-13%
KF (Potassium Fluoride):	7-13%
KBF <sub>4</sub> (Potassium Fluoborate):	0.5-1.5%
Technical Data	
Appearance:	Pink
Solidus:	500°F (930°C)
Liquidus:	1200°F (660°C)
Recommended Brazing Temperature	Approx. 1200°F (660°C)
Density (Lbs/in <sup>3</sup> )	N/A
Electrical Conductivity (%IACS)	N/A
Electrical Resistivity (Microhm-cm)	N/A
Shelf Life:	Lifetime - Flux may begin to come off
Packaging:	Plastic Tube

### Product Variants

- 18" Rods
  - SW-SS5602K - 2 Rod Pack
  - SW-SS5610K - 10 Rod Pack