

## PRODUCT INFORMATION

### SIF SILVER SOLDER No 40

EN ISO: 17672 A g 140

### DESCRIPTION

A popular grade of Silver Solder offering good capillary action and ductility in many ferrous and non-ferrous applications. It is suitable for all ferrous and non-ferrous metals except aluminium. It can be used with a range of heat sources. It also offers a combination of medium melting temperature and flow characteristics. Use with SIF SILVER SOLDER flux.

### WELDING POSITIONS



Suitable for use in the heating, ventilation, refrigeration, electrical, and process industries. It is particularly well suited for use in the medical equipment and food industries. However, this alloy should only be used to form capillary joints.

### TYPICAL WELD METAL COMPOSITION

Ag	40 %
Cu	30 %
Zn	28 %
Sn	2 %

### TYPICAL MECHANICAL PROPERTIES

Melting Point	670-710 °C
Ult Tensile Strength	440 N/mm <sup>2</sup>
Hardness	130

### MATERIAL TO BE WELDED

This is a cadmium free silver solder offering excellent fluidity and wetting characteristics. Ideal for applications within the food and medical equipment industries. It is used as a general silver brazing filler metal as well as in joining copper to steel in refrigeration and pipe work. SIF Silver Solder No 39 can be used to join most common engineering metals – copper, copper alloys including brasses, bronzes, gun metal, nickel silver, aluminium bronze, copper nickel, and steels including mild, carbon, tool steel, stainless steels, and low alloy steel.

### AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia		1kg Pkt	
1.5mm		RX401500	
2.0mm		RX402000	

#### Can be used with:

Oxy Acetylene  
Oxy Propane  
Butane  
Air Butane

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@weldability-sif.com](mailto:service@weldability-sif.com)



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Doc Ref : SIF/PI/RX401500