



235 Kilvert Street
Warwick, RI 02886

A World-Class Quality Partner
ISO 9001:2000
Certified

PRODUCT: **SILVALOY[®] A50**
(AWS BAg-6)

COMPOSITION:

Silver	50 ± 1%
Copper	34 ± 1%
Zinc	16 ± 2%

MATERIAL PROPERTIES:

Solidus	1250°F
Liquidus:	1425°F
Brazing Range	1425-1600°F
Specific Gravity	9.252
Density (t.oz./cu in)	4.876

DESCRIPTION:

SILVALOY A50 is widely used for brazing in the electrical industry, as well as in the dairy and food industries where the use of cadmium-containing filler metals is prohibited. **SILVALOY A50** has a broad melting range making it a good choice for filling wide joint clearances or forming large fillets. For best results, use with Ultra Flux.

SPECIFICATIONS:

AWS A5.8BAg-6

AVAILABLE FORMS:

Standard forms of **SILVALOY A50** are wire, rod and preforms.



**PRODUCT: SILVALOY® A50 - CONTINUED
(AWS BAg-6)**

SAFETY INFORMATION:

It is essential that adequate ventilation be provided so that personnel will not inhale gases and fumes while brazing. The operation and maintenance of brazing equipment or facility should conform to the provisions of ANSI Z49.1, "Safety in Welding and Cutting". For more complete information, refer to the Material Safety Data Sheet for **SILVALOY A50**.

LIABILITY-DISCLAIMER:

Wolverine Joining Technologies, LLC, seeks to represent reliable information concerning the composition, properties and use of its products. The technical information provided in this publication is provided at no charge and is without guarantee, warranty or responsibility of any kind, expressed or implied.

Wolverine Joining Technologies, LLC
235 Kilvert Street
Warwick, RI 02886
401-739-9550/fax 401-739-9555
www.silvaloy.com