



235 Kilvert Street  
Warwick, RI 02886

*A World-Class Quality Partner*  
**ISO 9001:2000**  
Certified

**PRODUCT: SILVALOY® A24**

**COMPOSITION:**

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Silver	24.0 wt%
Copper	43.0 wt%
Zinc	33.0 wt%
Total Other Elements	0.15 wt% Max.

**MATERIAL PROPERTIES:**

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Solidus	1290°F (700°C)
Liquidus	1435°F (780°C)
Brazing Range	1435-1565°F (780-850°C)
Specific Gravity	8.535
Density (toz/cu. in)	4.498
Electrical Conductivity (% IACS)	24.2
Color	Light Yellow

**DESCRIPTION:**

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**SILVALOY A24** does not contain cadmium and is a lower silver modification to the standard BAg-20 at 30 percent. Its slightly higher melt temperature provides improved mechanical strength when exposed to elevated temperatures or cyclic loads at elevated temperatures.

**APPLICATIONS:**

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Typical applications are the joining of ferrous, nonferrous and dissimilar metals and alloys with close joint clearances. It is mostly used in joining of copper, brass, nickel, silver, and ferrous alloys.

**AVAILABLE FORMS:**

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Standard forms of **SILVALOY A24** are wire, strip and preforms.

