



BAG-1 Data Sheet

AWS A5.8
Silver Alloy 45
AMS 4769
UNS P07450

BAG-1 is a brazing filler metal that is free-flowing with higher fluidity. This alloy can be used on most iron, copper and nickel-based alloys. Due to its narrow melting range this filler metal is less sensitive to the heating rate and therefore should not separate into low/high melting constituents. With this metal, in some instances special fluxes may be needed for optimum bonding and wetting.

AVAILABLE IN:

Custom wire sizes and reels available. Also available in powder and paste form.

CHEMICAL COMPOSITION (Wt %):

| Ag | Cd | Cu | Zn |
|-----|-----|-----|-----|
| 45% | 24% | 15% | 16% |

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.