

BAG-3 Data Sheet

AWS A5.8
Silver Alloy 50Ni3
AMS 4771
UNS P07501

BAG-3 is widely used on stainless steels. This alloy can also be used in brazing tungsten carbide inserts as well as the brazing of aluminum bronze to steel. BAG-3 is better for filling larger gaps than other fluid alloys

AVAILABLE IN:

Available in TIG Wire rods or coils in custom sizes and reels. Also available in powder and paste form.

Brazing Temperature Range High: 1370 F / 743 C

Brazing Temperature Range Low: 1320 F / 716 C

Liquidus: 1270 F / 688 C

Solidus: 1170 F / 632 C

CHEMICAL COMPOSITION (Wt %):

Ag	Cd	Cu	Zn	Ni
50% ± 1%	16% ± 1%	15.5% ± 1%	15.5% ± 1%	3% ± 1%

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.