

# Silver Brazing Alloy (Cadmium Free)

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BS 1845 Ag 14  
DIN L-AG-55Sn

**SB-55**

## DESCRIPTION & APPLICATION

Cadmium-Free Silver Brazing Alloy with a very short plastic range for applications that require capillary capabilities. Non-toxic for food industry usage. Good colour match for Stainless Steel. Melting range 630-660°C (Solidus-Liquidus).

## BASE MATERIALS

Copper Alloys, Mild and Low Alloy Steels, Cast iron, Stainless Steel.

## MECHANICAL PROPERTIES

~430	N/A	N/A	-
UTS n/mm	YIELD 0.2%	ELONG A5%	HARDNESS HB

## METAL WELD COMPOSITION %

Ag	Zn	Cu	Sn	Cu
55	22	21	2	01

## PACKAGING

Diameters available: 1.5, 2.0, 2.5, 3.0mm  
Packed in 1kg Tubes

## FLAME DATA

Neutral flame. For bare wire use Westbrook SB Flux.

## WELDING INSTRUCTIONS

For more details on welding of Brazing Alloys, please see our Information Sheets.  
Visit: [www.westbrookwelding.co.uk/downloads](http://www.westbrookwelding.co.uk/downloads)

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Brazing

Need Help?  
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Discover all our specification sheets to help you more:  
[westbrookwelding.co.uk](http://westbrookwelding.co.uk)