

## COMWELD SBA 245

### PRODUCT DATA SHEET

**HIGH SILVER,  
EXCELLENT FLUIDITY  
SILVER BRAZING ALLOY**

**625  
°C**



### SOLDERS & FLUXES

#### COMWELD SBA 245

- High Silver, excellent fluidity silver brazing alloy.
- Alloy group 2: Silver, Copper, Cadmium, Zinc alloys for low temperature brazing of all ferrous and non ferrous metals.
- Not suitable for Aluminium, Magnesium and Zinc based alloys.
- To be used with flux.

#### CLASSIFICATIONS:

AS 1167.1:	A6
AWS/ASME-SFA A5.8:	BAg-1
End tip colour:	Light Blue

#### TYPICAL WIRE ANALYSIS:

Ag:	45.0%
Cu:	15.0%
Zn:	16.0%
Cd:	24.0%

#### TECHNICAL DATA:

Silver content:	45%
Typical melting range (°C):	605-620%
Brazing temp. for complete fluidity:	625°C

#### SILVER BRAZING FLUX IF REQUIRED:

Silver brazing flux No. 2.

DESCRIPTION AND APPLICATIONS:

COMWELD SBA 245 is very versatile, has the lowest melting temperature of cad-bearing silver brazing alloys with exceptional strength and a narrow melting range. SBA 245 has an exceptionally rapid capillary flow, making it ideal for production brazing and maintenance work. Because of its ease of application it is ideal for use by the hobbyist/handyman or by persons in the trade.

WARNING:

Cadmium emits highly toxic fumes when heated. Avoid inhaling fumes. Use in well ventilated places, or places with suitable local exhaust ventilation or use personal respiratory protection. Keep children away during use. This alloy should not be used for brazing vessels that contain food stuffs.

APPROX NUMBER RODS PER KG:

- ø 1.6mm x 500mm = 113
- ø 1.6mm x 750mm = 74

PACKAGING DATA:

ROD SIZE (MM)	PACK WEIGHT / TYPE	PACK SIZE	PART NO.
1.6 x 750	Standard Pack	0.5kg	320514
1.6 x 500	Blister Pack	5 Rods	322008