

Welding Solder

焊条



FEATURES:

- * High quality welding solders are particularly suited for copper pipe installations, repair and maintenance, widely used for heating systems, as well as HVAC-R applications.
- * Corrosion resistance, scale-free, improved flow properties

* 高品质的钎焊条适用于铜管路的安装与维修，广泛应用于供热系统以及制冷系统

* 良好的抗腐蚀性、抗表面氧化性和流动性

Alloy	Composition				AWS A5.8 Class	Melting Range		Recommended Application
	Cu	Ag	P	Other		Solidus	Liquidus	
BCu93P	92.9%	0%	7.1%	-	BCuP-2	1310 °F 710 °C	1475 °F 802 °C	For copper, requires medium fit-up Clearance range: 0.022 – 0.077"
BCu91PAg	91%	2%	7%	-	BCuP-6	1190 °F 643 °C	1450 °F 788 °C	For copper or brass Clearance range: 0.002 – 0.005"
BCu89PAg	89%	5%	6%	-	BCuP-3	1190 °F 643 °C	1500 °F 816 °C	For copper or brass, used to bridge gaps where close fit-up can't be maintained
BCu80PAg	80%	15%	5%	-	BCuP-5	1190 °F 643 °C	1480 °F 804 °C	For copper or brass, useful for wide clearance 0.002 – 0.006", good ductility
BAG30CuZn	38%	30%	-	Zn 32%	BAG-20	1250 °F 677 °C	1410 °F 766 °C	Use with ferrous and non-ferrous base metals, flow suitable for bridging gaps
BAG45CuZn	30%	45%	-	Zn 25%	BAG-5	1225 °F 663 °C	1370 °F 743 °C	General purpose filler for steel and copper alloys, melting range useful for wide clearances
BAG50CuZn	34%	50%	-	Zn 16%	BAG-6	1270 °F 688 °C	1425 °F 774 °C	Often used to braze galvanized steel but suitable for bridging gaps in other ferrous and non-ferrous metals
BAG56CuZnSn	22%	65%	-	Zn 17% Sn 5%	BAG-7	1145 °F 618 °C	1205 °F 652 °C	For ferrous and non-ferrous alloys, often used to braze stainless steel for good service

* Please contact our sales staff for other models and conditions.

Brazing Flux

助焊剂

The purpose of brazing flux is to protect the formation of a brazed joint by protecting the base metal and filler metal from oxidation.

在焊接作业的过程中，助焊剂可以有效防止焊料和被焊金属表面的氧化，从而保证焊接过程的顺利进行。

Model	Ingredient	Type	Application
AFB-102	Fluorine boric acid potassium four boric acid potassium, boric acid, etc.	Powder or Paste	Used with silver-bearing alloys jointing copper-copper, steel-stainless steel and dissimilar metals. Active range: 600 - 850 °C
AFB-103	Fluorine boric acid potassium four boric acid potassium, boric acid, etc.	Powder	Used with copper based or nickel based filler metal for brazing copper, copper alloy, carbon steel, steel alloy, stainless steel, tungsten carbide, etc.
AFB-301	Boric anhydride, borax, calcium fluoride, etc.	Powder	Used with Al-Si alloys for brazing Al-Al, Al-Mn alloy. Active range: 560 - 620 °C
AFB-204	KF-AIF3	Powder	Used with Al-Si alloys for brazing Al-Al, Al-Mn alloy. Active range: 560 - 620 °C