



Overall Dia.	Overall Length	Finish/Coating	Solidus	Liquidus	Brazing Temp. Range	Series	Brand	Item No.	Pkg. Qty.
Phos Copper									
0 % Silver Content, BCuP-2									
0.05 in x 1/8 in	20 in	Bare	1,310 °F	1,460 °F	1,345 °F to 1,500 °F	Harris 0	Harris	3THE4	7
1/8 in	18 in	Bare	1,310 °F	1,460 °F	1,350 °F to 1,550 °F	BCuP-2	Hobart	6ETP0	1
1/8 in	18 in	Bare	1,350 °F	1,550 °F	1,350 °F to 1,550 °F	BCuP-2	Bernzomatic	3AC23	15
1/8 in	20 in	Bare	1,310 °F	1,460 °F	1,350 °F to 1,550 °F	BCuP-2	Westward	30AC72	28
15 % Silver Content, BCuP-5									
0.05 in x 1/8 in	20 in	Bare	1,190 °F	1,425 °F	1,300 °F to 1,500 °F	Stay-Silv 15	Harris	3THF8	7
1/8 in	18 in	Bare	1,190 °F	1,475 °F	1,300 °F to 1,500 °F	BCuP-5	Hobart	6ETP2	1
1/8 in	20 in	Bare	1,190 °F	1,475 °F	1,300 °F to 1,500 °F	BCuP-5	Westward	30AC74	28
5 % Silver Content, BCuP-3									
0.05 in x 1/8 in	20 in	Bare	1,190 °F	1,500 °F	1,350 °F to 1,550 °F	Stay-Silv 5	Harris	3THF9	7
1/8 in	18 in	Bare	1,190 °F	1,495 °F	1,325 °F to 1,500 °F	BCuP-3	Hobart	6ETP1	1
1/8 in	20 in	Bare	1,190 °F	1,495 °F	1,325 °F to 1,500 °F	BCuP-3	Westward	30AC73	28
6 % Silver Content, Not Classified									
0.05 in x 1/8 in	20 in	Bare	1,190 °F	1,465 °F	1,300 °F to 1,500 °F	Dynaflow	Harris	3THE2	7
Low-Fuming Bronze									
0 % Silver Content, RBCuZn-C									
3/32 in	12 in	Bare	1,595 °F	1,630 °F	1,595 °F to 1,630 °F	—	Bernzomatic	3AC22	25
1/8 in	36 in	Bare	1,590 °F	1,630 °F	1,670 °F to 1,750 °F	RBCuZn-C	Hobart	6ETP3	1
1/8 in	36 in	Bare	1,630 °F	1,690 °F	1,670 °F to 1,750 °F	RBCuZn-C	Hobart	6ETP6	1
1/8 in	36 in	Flux-Coated	1,590 °F	1,630 °F	1,670 °F to 1,750 °F	RBCuZn-C	Westward	41R236	1
1/8 in	36 in	Flux-Coated	1,590 °F	1,630 °F	1,670 °F to 1,750 °F	RBCuZn-C	Westward	30AC75	20
1/8 in	36 in	Flux-Coated	1,590 °F	1,630 °F	1,670 °F to 1,750 °F	RBCuZn-C	Westward	30AC78	33
3/32 in	36 in	Bare	1,590 °F	1,630 °F	1,670 °F to 1,750 °F	RBCuZn-C	Westward	30XP48	1
3/16 in	36 in	Flux-Coated	1,590 °F	1,630 °F	1,670 °F to 1,750 °F	RBCuZn-C	Westward	30XP52	1
Nickel Silver									
0 % Silver Content, RBCuZn-D									
1/8 in	36 in	Bare	1,690 °F	1,715 °F	1,720 °F to 1,800 °F	RBCuZn-D	Westward	30XP62	1
3/32 in	36 in	Bare	1,690 °F	1,715 °F	1,720 °F to 1,800 °F	RBCuZn-D	Hobart	6ETP4	1
3/32 in	36 in	Bare	1,690 °F	1,715 °F	1,720 °F to 1,800 °F	RBCuZn-D	Westward	30XP63	1
3/32 in	36 in	Flux-Coated	1,690 °F	1,715 °F	1,720 °F to 1,800 °F	RBCuZn-D	Westward	30AC77	40
1/8 in	36 in	Bare	1,690 °F	1,715 °F	1,665 °F to 1,680 °F	RBCuZn-D	Hobart	6ETP5	1
1/8 in	36 in	Flux-Coated	1,690 °F	1,715 °F	1,720 °F to 1,800 °F	RBCuZn-D	Westward	30AC76	22
High Silver									
45 % Silver Content, BA9-5									
1/8 in	18 in	Bare	1,225 °F	1,370 °F	1,370 °F to 1,550 °F	Safety-Silv 45	Harris	3THE6	5
1/8 in	18 in	Flux-Coated	1,225 °F	1,370 °F	1,370 °F to 1,550 °F	Safety-Silv 45FC	Harris	3THE5	3
3/32 in	18 in	Bare	1,225 °F	1,370 °F	1,225 °F to 1,370 °F	Safety-Silv 45	Harris	3THE7	3
56 % Silver Content, BA9-7									
1/8 in	18 in	Bare	1,205 °F	1,205 °F	1,205 °F to 1,400 °F	Safety-Silv 56	Harris	3THF1	5
1/8 in	18 in	Flux-Coated	1,205 °F	1,205 °F	1,205 °F to 1,400 °F	Safety-Silv 56FC	Harris	3THE9	3



Brazing Alloys

- Rod Shape
- Nickel-Silver: 70 ksi Tensile Strength
- Low-Fuming Bronze: 71 ksi Tensile Strength, 64 ksi Yield Strength



**45% Silver, BA9-5
3THE8**



Brazing Alloy & Flux Kits

Alloy Included	Solidus	Liquidus	Fluidity Rating	Flux Included	Item No.
45 % Alloy Silver Content, BA9-5					
1/8 in x 1 oz Coil	1,225 °F	1,370 °F	6.5	1.75 oz Jar Paste	3THE8
Brazing Wire Kits (1-oz. Wire, 1.75-oz. Flux)					
1/8 in x 1 oz Coil	1,145 °F	1,205 °F	8	1.75 oz Jar Paste	3THF2



**High Silver, Phos
Copper Brazing
400H05**

**High Silver
Brazing
3JXF1**



Brazing Flux

Container Size	Container Type	Flux Form	Active Temp.	Color	AWS Classification	Series	Brand	Item No.
High Silver, Phos Copper Brazing								
6 oz	Jar	Paste	1,000 °F to 1,600 °F	White	FB3-A	—	Worthington	1UYK2
1 lb	Can	Powder	1,400 °F to 2,000 °F	Blue	FB3-F	All-State Brazaloy 1 Flux	All-State	400H05
1 lb	Can	Powder	1,400 °F to 2,000 °F	White	FB3-F	All-State Brazo	All-State	400H03
1 lb	Can	Powder	1,400 °F to 2,000 °F	Red	FB3-F	All-State Brazaloy 5 Flux	All-State	400H06
1 lb	Jar	Paste	1,050 °F to 1,800 °F	Black	FB3-C	Stay-Silv	Harris	49JR41
5 lb	Jar	Paste	1,050 °F to 1,800 °F	Black	FB3-C	Stay-Silv	Harris	54RY05
High Silver Brazing								
6.5 oz	Brush Cap Bottle	Paste	1,050 °F to 1,600 °F	White	FB3-A	Stay-Silv	Harris	3JXF1
1 lb	Jar	Paste	1,050 °F to 1,600 °F	White	FB3-A	Stay-Silv	Harris	49JR42
5 lb	Jar	Paste	1,050 °F to 1,600 °F	White	FB3-A	Stay-Silv	Harris	54RY03



1UYG8



Plumbing Solder

Item	Application	Contents	Wire Dia. (in.)	Melting Range (Deg.)	Container Size	Brand	Item No.
Solder	Large Diameter Pipes	Copper, Silver, Tin	0.118 in	440 to 482	1 lb	Harris	1UYG8
	Plumbing and Potable Water	Copper, Selenium, Tin	0.118 in	410 to 418	1 lb	Harris	1UYK9
	Plumbing	5% Antimony, 95% Tin	0.117 in	450 to 464	1 lb	Oatey	41GP10
	Plumbing and Potable Water	5% Antimony, 95% Tin	0.118 in	455 to 630	1 lb	Harris	1UYG9
	Electrical, Small Connection	5% Antimony, 95% Tin	0.125 in	452 to 464	8 oz	Harris	3THF3
	Solder Wire	Used Where Lead Bearing Solders are Prohibited	Nickel	0.125 in	460 to 630	8 oz	Harris
Speedy is a Lead-Free, Low Temperature Alloy Formulated for Joining Copper Pipe in Potable Water Systems		Nickel	0.125 in	450 to 555	1 lb	Harris	3THF7
Copper Joints		Nickel	0.125 in	438 to 729	1 lb	Harris	3THE3
Sheet Metal Work, Welding		50% Lead, 50% Tin	0.125 in	445 to 500	1 lb	Harris	1UYH2