



Overall Dia.	Overall Length	Finish/Coating	Solidus	Liquidus	Brazing Temp. Range	Series	Brand	Item No.	Pkg. Qty.
<b>Phos Copper</b>									
<b>0% Silver Content, BCuP-2</b>									
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
<b>15% Silver Content, BCuP-5</b>									
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
<b>5% Silver Content, BCuP-3</b>									
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
<b>6% Silver Content, Not Classified</b>									
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
<b>Low-Fuming Bronze</b>									
<b>0% Silver Content, RBCuZn-C</b>									
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
3/32 in	36 in	Flux-Coated	1,590 °F	1,630 °F	1,670 °F to 1,750 °F	RBCuZn-C	Westward	30XP52	1
<b>Nickel Silver</b>									
<b>0% Silver Content, RBCuZn-D</b>									
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
<b>High Silver</b>									
<b>45% Silver Content, BA9-5</b>									
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
<b>56% Silver Content, BA9-7</b>									
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.
<b>45% Alloy Silver Content, BA9-5</b>					
1/8 in x 1 oz Coil	1,225 °F	1,370 °F	6.5	1.75 oz Jar Paste	3THE8
<b>Brazing Wire Kits (1-oz. Wire, 1.75-oz. Flux)</b>					
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.
<b>High Silver, Phos Copper Brazing</b>								
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 Brazalloy 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 Brazalloy 5 Flux	All-State	400H06
1 lb	Jar	Paste	1,050 °F to 1,800 °F	Black	FB3-C	Stay-Silv Black	Harris	49JR41
5 lb	Jar	Paste	1,050 °F to 1,800 °F	Black	FB3-C	Stay-Silv Black	Harris	54RY05
<b>High Silver Brazing</b>								
6.5 oz	Brush Cap Bottle	Paste	1,050 °F to 1,600 °F	White	FB3-A	Stay-Silv White	Harris	3JXF1
1 lb	Jar	Paste	1,050 °F to 1,600 °F	White	FB3-A	Stay-Silv White	Harris	49JR42
5 lb	Jar	Paste	1,050 °F to 1,600 °F	White	FB3-A	Stay-Silv White	Harris	54RY03



1UYG8

**Plumbing Solder**



Solder Wire	Application	Contents	Wire Dia. (in.)	Melting Range (Deg.)	Container Size	Brand	Item No.
	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
		5% Antimony, 95% Tin	0.118 in	455 to 630	1 lb	Harris	1UYG9
	Plumbing	5% Antimony, 95% Tin	0.117 in	450 to 464	1 lb	Oatey	41GP10
	Electrical, Small Connection	5% Antimony, 95% Tin	0.125 in	452 to 464	8 oz	Harris	3THF3
	Used Where Lead Bearing Solders are Prohibited	Nickel	0.125 in	460 to 630	8 oz	Harris	3THF4
	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