Low Silver Brazing Alloys

These "sil-phos" alloys provide cost-effective solutions to joining copper and brass alloys.

Superior Advantages

- Thin flow provides excellent capillary action
- No flux required for copper-to-copper applications
- Fills gaps on poor fit-up joints

Applications

- Electrical components
- Plumbing and HVAC
- Copper coils and tubing
- Rotors and armatures

Cronatron Alloys

45 Brazing Alloy

Resists vibration, shock, impact

Brazing Range: 1,300°F to 1,450°F (704°C to 788°C)

Recommended Flux: F40 (for dissimilar)

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
1/16 x .050 x 18	**CW1858**	1
1/8 x .050 x 18	**CW1013**	1

46SP Brazing Alloy

Fill gaps without affecting joint strength

Brazing Range: 1,325°F to 1,500°F (718°C to 815°C)

Recommended Flux: F40 (for dissimilar)

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
1/16 x .050 x 20	**CW5763**	1
1/8 x .050 x 20	**CW5764**	1

47SP Brazing Alloy

Excellent ductility and conductivity

Brazing Range: 1,300°F to 1,500°F (704°C to 815°C)

Recommended Flux: F40 (for dissimilar)

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Lbs.)
1/16 x .050 x 20	**CW5765**	1
1/8 x .050 x 20	**CW5766**	1

Medium Silver Brazing Alloys

With lower melting temperatures and better capillary action than low silver products, medium silver brazing alloys are excellent for joining copper, stainless steel, bronze alloys and nickel alloys.

Superior Advantages

- Thin-flowing for tight joints, yet fills and bridges gaps
- Strong and ductile
- Very good electrical conductivity

Applications

- Electrical rotors, contacts and lugs
- Instrumentation and controls
- Plumbing
- Arts and crafts
- Stainless steel

Certanium® Alloys

52 Brazing Alloy

Cadmium-free

Tensile Strength: 70,000 PSI

Melting Temperature: 1,250°F to 1,410°F (677°C to 766°C)

Recommended Flux: 950

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Ft.)
1/16 x 18	**P14035**	15

52F Brazing Alloy

Cadmium-free, flux-coated

Flux Coating Color: Red

Tensile Strength: 70,000 PSI

Melting Temperature: 1,250°F to 1,410°F (677°C to 766°C)

Recommended Flux: 950 (if needed)

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Ft.)
1/16 x 18	**P14070**	15

Cronatron Alloys

41F Brazing Alloy

Low-temperature application

Flux Coating Color: Red

Tensile Strength: 80,000 PSI

Brazing Range: 1,120°F to 1,150°F (604°C to 621°C)

Recommended Flux: F40 (if needed)

Dia. x Length (Inches)	Part No.	Pkg. Qty. (Ft.)
1/16 x 18	**CW1825**	6
3/32 x 18	**CW1824**	6