



# Technical Specification Sheet Phos Copper/ Silver Brazing Alloy

## Product: NetBrazE 15

**Description:** NetBrazE 15 is an excellent HVAC and Refrigeration industry standard Phos Copper – silver brazing alloy for joining copper to copper without using a flux. With a wide melting range of 285°F, brazing loosely fit joint assemblies is not difficult. This versatile alloy is also able to penetrate tight fitting connections at or above its liquidus temperature. Use NetBrazE White Brazing Flux when brazing brass. Not recommended for steel, aluminum or specialty metal applications.

### Chemical Composition:

Ingredient	% by Weight
SILVER	14.5-15.5
PHOSPHORUS	4.8-5.2
COPPER	Balance
OTHER	0.15

### Physical Properties:

Solidus Temperature	1190°F - 643°C
Liquidus Temperature	1475°F - 816°C
Brazing Range	1320°F - 1530°F / 716°C - 816°C

### Available Forms: Coil – Rod

*Rod: Standard Length 19 5/8"*

0.050 x 1/8"

1/16" dia. (.062)

5/64" dia. (.078)

3/32" dia. (.093)

*QuickCoil: Standard service coil*

0.050 x 1/8"

3/32" dia. (.093)

Specialty forms and diameters are available upon request.

Metric Dia.

1.26 mm x 3.18 mm

1.5 mm

2.0 mm

2.5 mm

### Specification Compliance:

ASME SFA 5.8 ANSI/AWS A5.8 class BCuP -5

QQ-B 654A BCuP -5 ISO17672 CuP 284

### Safety Precautions:

Brazing fumes and gases can be hazardous to good health. Read and understand appropriate MSDS information before using this product. Use adequate ventilation and safety equipment.

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All statements, information and data given are believed to be accurate and reliable. It is the responsibility of the end user to evaluate the application of this product including safety, appropriateness and legal compliance before use.