



COPPER LOW FUMING BRONZE

RBCuZn-C

Specifications / Certifications:

AWS A5.8
ASME SFA A5.8

Features

- High tensile strength and good ductility.
- Low Fuming Characteristic and good mechanical properties make this alloy a widely used general purpose product.
- Low Melting Point makes this alloy excellent for sheet metal work.

Applications

- Repair and Fabrication Application on Steel Copper, Copper Alloys, Nickel, and Nickel Alloys.
- Gas Brazing Steel, Copper Alloys, Cast Iron, Nickel Alloys and Stainless Steel.

Diameters & Packages

Diameter		Lbs	Length	Coated
0.062"	1/16"	5	18"	Yes
		10	36"	No
		10	36"	Yes
0.093"	3/32"	10	36"	No
		10	36"	Yes
0.125"	1/8"	10	36"	No
		10	36"	Yes
0.156"	5/32"	10	36"	No
		10	36"	Yes
0.187"	3/16"	10	36"	No
		10	36"	Yes
0.25"	1/4"	10	36"	No
0.312"	5/16"	10	36"	No
0.375"	3/8"	10	36"	No

Technical Specifications

Typical Chemical Composition:

Chemical	Cu	Zn	Sn	Fe	Mn
%	56.0-60.0	Rem	0.80-1.10	0.025-1.20	0.01-0.50

Chemical	Pb	Al	Si	Other
%	0.05 max	0.01 max	0.04-0.15	0.50 max

Typical Mechanical Properties:

Tensile Strength	Yield Strength	Melting Point
60,000 psi min	64,000 psi min	1630°F

Brazing Range	Solidification
1330°F - 1550°F	1590°F