



**!!! WARNING !!!**



**WELDING FUMES AND GASES CAN BE DANGEROUS TO YOUR HEALTH.**

**BEFORE USING THIS PRODUCT THE WELDER (END-USER) MUST READ AND UNDERSTAND THE COMPLETE PRODUCT WARNING LABEL AND MATERIAL SAFETY DATA SHEET (MSDS).**

**THE MATERIAL SAFETY DATA SHEET (MSDS) WHICH OUTLINES THE POTENTIAL HEALTH HAZARDS AND SAFETY INFORMATION RELATED TO THIS PRODUCT CAN BE DOWNLOADED FROM THE MSDS PORTION OF THIS WEBSITE. IT IS ALSO AVAILABLE FROM YOUR EMPLOYER AND WELDING SUPPLY DISTRIBUTOR.**

**DO NOT PROCEED WITH USE OF THIS PRODUCT UNTIL YOU READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET (MSDS) AND PRODUCT WARNING STATEMENT.**

**BE SURE TO CONSULT THE LATEST VERSION OF THE MSDS.**

**SEE THE PRODUCT WARNING LABEL AND MSDS FOR COMPLETE WARNING INFORMATION.**

# CROWN ALLOYS COMPANY

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## Crown Deoxidized Copper

Cut Length and Spooled Wire  
(Mig and Tig)

### Typical Applications:

**Crown Deoxidized Copper** is used for welding copper where good electrical conductivity is necessary such as buss bars, lugs, etc. It can also be used to join galvanized steel and deoxidized copper to mild steel where strength is not important. Can be used to overlay surfaces to resist corrosion.

### Specifications:

AWS A 5.7	Cu	98.0 min
ER Cu	Sn	1.00 max
	Mn	0.50 max
	Si	0.50 max
	Others	0.50 max

➤ Melting Point	1967°F
➤ Tensile Strength	29,000 PSI
➤ Yield Strength	8,000 PSI
➤ Elongation	29%
➤ Hardness	54 Brinell

### Procedure:

Clean area to be joined thoroughly. Use DC reverse polarity for Mig welding with argon shielding gas. For Tig welding use AC or DC straight polarity with argon or argon-hellium shielding gas. For best results a preheat of 900°F to 1000°F should be used on heavy sections of copper.

### Sizes:

TIG:	MIG:
1/16 x 36"	
3/32 x 36"	.035 x 30#
1/8 x 36"	.045 x 30#
3/16 x 36"	1/16 x 30#

Also available in 2# and 8" spools.