

# WELDING & METALWORKING



## DEOXIDIZED COPPER WELDING WIRE

- Recommended for welding applications where joints of high copper content are involved
- Deoxidized copper contains phosphorus and silicon as de-oxidizing agents which promote sound weld joints
- Produces trouble-free welds that are a good colour match to copper and have good electrical conductivity
- Can be used with inert gas arc and oxyacetylene welding
- Each container has an identification label showing grade, size, weight and heat number
- AWS A5.7, ErCu



Priced per Spool

Model No.	Mfg. No.	Dia."	Wt. lbs.	Price/Each
TTU812	DOC035X30SP	0.035	30	
TTU813	DOC045X30SP	0.045	30	
TTU814	DOC116X30SP	1/16	30	
TTU815	DOC332X30SP	3/32	30	

36" CUT LENGTH				Priced per Tube
TTU827	DOC116X36T	1/16	10	
TTU828	DOC332X36T	3/32	10	
TTU829	DOC18X36T	1/8	10	
TTU830	DOC316X36T	3/16	10	

## SILICON BRONZE WELDING WIRE

- Used for inert gas arc welding of copper, copper-silicon, and copper-based metals to themselves as well as to steel
- Frequently used to gas tungsten arc and gas metal arc weld coated steels
- Also used to surface areas subject to corrosion
- Each container has an identification label showing grade, size, weight and heat number
- AWS A5.27, ERCuSi-A
- Conformance certifications can be furnished upon request



Priced per Spool

Model No.	Mfg. No.	Dia."	Wt. lbs.	Price/Each
TTU824	SIB030X2SP	0.030	2	
TTU825	SIB035X2SP	0.035	2	
TTU826	SIB045X2SP	0.045	2	
TTU820	SIB025X10SP	0.025	10	
TTU821	SIB030X10SP	0.030	10	
TTU822	SIB035X10SP	0.035	10	
TTU823	SIB045X10SP	0.045	10	
TTU816	SIB030X30SP	0.030	30	
TTU817	SIB035X30SP	0.035	30	
TTU818	SIB045X30SP	0.045	30	
TTU819	SIB116X30SP	1/16	30	

36" CUT LENGTH				Priced per Tube
TTU831	SIB035X36T	0.035	10	
TTU832	SIB045X36T	0.045	10	
TTU833	SIB116X36T	1/16	10	
TTU834	SIB332X36T	3/32	10	
TTU835	SIB18X36T	1/8	10	
TTU836	SIB532X36T	5/32	10	
TTU837	SIB316X36T	3/16	10	
TTU838	SIB14X36T	1/4	10	

## 36" BARE NICKEL SILVER CUT LENGTH TIG RODS

- Recommended for applications requiring higher mechanical properties and situations where good colour match is important
- Primarily intended for braze welding steel and cast iron
- Melting point of 1680°F (916°C)
- RBCuZn-D
- Priced per 10-lb. tube



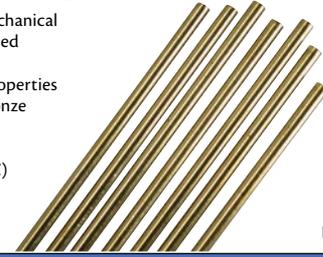
Priced per Tube

Model No.	Mfg. No.	Dia."	Wt. lbs.	Price/Each
TTU851	NS116X36T	1/16	10	
TTU852	NS332X36T	3/32	10	
TTU853	NS18X36T	1/8	10	
TTU855	NS14X36T	1/4	10	

## 36" LOW FUMING BRONZE CUT LENGTH TIG RODS



- Fuming qualities and good mechanical properties makes it a widely used general purpose rod
- Provides higher mechanical properties than obtainable with naval bronze
- Used extensively for braze welding steel and cast iron
- Melting point of 1620°F (882°C)
- RBCuZn-C
- Priced per 10-lb. tube



Priced per Tube

Model No.	Mfg. No.	Description	Dia."	Wt. lbs.	Price/Each
TTU839	LFB116X36T	Bare	1/16	10	
TTU840	LFB332X36T	Bare	3/32	10	
TTU841	LFB18X36T	Bare	1/8	10	
TTU842	LFB532X36T	Bare	5/32	10	
TTU843	LFB316X36T	Bare	3/16	10	
TTU844	LFB14X36T	Bare	1/4	10	
TTU845	LFB516X36T	Bare	5/16	10	
TTU846	LFB38X36T	Bare	3/8	10	
TTU847	LFBC332X36T	Flux-Coated	3/32	10	
TTU848	LFBC18X36T	Flux-Coated	1/8	10	
TTU849	LFBC532X36T	Flux-Coated	5/32	10	
TTU850	LFBC316X36T	Flux-Coated	3/16	10	

## 4043 & 5356 ALUMINUM WELDING WIRE

- Cleanliness, density and temper of wires are precisely controlled
- Each container has an identification label showing grade, size, weight and heat number
- Conform to AWS A5.10 classification, CWB and ABS approvals



### 4043

- 5% silicon all position aluminum weld wire used to weld heat treatable alloys such as the 6XXX base metals and cast alloys
- Found in many common welding applications such as bicycles, trucks, trailers and automotive parts and equipment
- Silicon with these alloys give improved wetting action yielding a less crack sensitive bright weld bead



Priced per Spool

### 5356

- 5% magnesium all position non-heat treatable wire used to weld the 5XXX series alloys
- Common welding applications such as boats, ships, bicycles, trucks, pressure vessels and automotive parts and equipment

Model No.	Mfg. No.	Dia."	Wt. lbs.	Price/Each
4043				
TTU956	40430301SP	0.030	1	
TTU957	40430351SP	0.035	1	
TTU958	40433641SP	3/64	1	
TTU959	40430305SP	0.030	5	
TTU960	40430355SP	0.035	5	
TTU961	404303016SP	0.030	16	
TTU962	404303516SP	0.035	16	
TTU963	404336416SP	3/64	16	
TTU964	404311616SP	1/16	16	

### 5356

TTU965	53560301SP	0.030	1	
TTU966	53560351SP	0.035	1	
TTU967	53563641SP	3/64	1	
TTU968	53560305SP	0.030	5	
TTU969	53560355SP	0.035	5	
TTU020	53563645SP	3/64	5	
TTU970	535603016SP	0.030	16	
TTU971	535603516SP	0.035	16	
TTU972	535636416SP	3/64	16	
TTU973	535611616SP	1/16	16	

36" CUT LENGTH Priced per Package

4043				
TTU974	404311636T	1/16	10	
TTU975	40433236T	3/32	10	
TTU976	40431836T	1/8	10	
TTU977	404353236T	5/32	10	
TTU978	404331636T	3/16	10	

5356				
TTU979	535611636T	1/16	10	
TTU980	53563236T	3/32	10	
TTU981	53561836T	1/8	10	
TTU982	535653236T	5/32	10	
TTU983	535631636T	3/16	10	