

GEN⁴ COPPER WELDING WIRE

CWI Generation4™ Copper Welding consumables meet or exceed the standard requirements of corrosion resistance, electrical conductivity and thermal conductivity on most welding applications, and we certify it. Consumables ship from stock in a variety of packages, depending on your requirements or specific application. Select from our range of products below, all of which are manufactured to conform with applicable AWS, ASME, or UNS standards. Choose Central Wire Gen4 Stainless Welding consumables for their proven performance, and let us show you the value that quality, experience, and customer support can provide.

Copper Welding Alloys provide a wide range of corrosion resistance, electrical and thermal conductivity. Selecting the correct Copper Welding Alloy for your application means understating the chemical composition of the alloy and how the above characteristics will vary based on your welding process. Below are our most requested Copper Welding Alloys.

Copper Generation ⁴ Welding Products			
Gen4 Product	AWS A5.7	ASME SFA-5.7	UNS
Deoxidized Copper (C189)	ERCu	ERCu	C18980
Silicon Bronze (C656)	ERCuSi-A	ERCuSi-A	C65600

GEN C189 is a deoxidized copper filler metal containing 98% copper and small amounts of silicon and phosphorus.

GEN C656 is used for gas tungsten and gas metal arc welding of copper-silicon and copper-zinc base metals, to themselves and also to steel.

