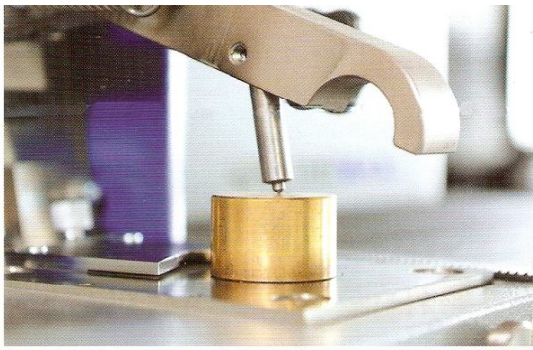
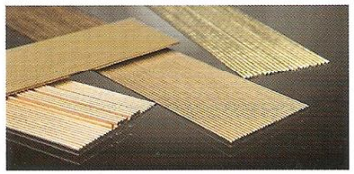
Copper Alloys Welding Wire





사 양 PRODUCT NAME	제품명 MODEL	중 국 GB/T9460	미 국 AWS A5.7/5.0	독 일 EN 14640	화학성분 Chemical Composition												특징 & 적용 Characteristics & Application
					Cu	Al	Si	Sn	Mn	Ni	Fe	Ag	P	Ti	Zn	Others	
Deoxidized Copper	SMCu	SCu1898	ERCu	CuSn1	Rest		0.3	0.7	0.3				0.01			≤0.5	Good mechanical properties and crack resistance. Gas welding and argon arc welding of red copper.
Silicon Bronze	SMCuSi-A	SCu6560	ERCuSi-A	CuSi3Mn1	Rest		3.0		1.0							≤0.5	Good mechanical properties. Argon arc welding of copper alloys and MIG brazing of steel.
Phosphor Bronze-A	SMCuSN-A	SCu5180	ERCuSn-A	CuSn6P	Rest			5.5					0.2			≤0.5	Wear resistance. Argon arc welding of copper alloys and surfacing of steel.
Phosphor Bronze-C	SMCuSn-C	SCu5210	ERCuSn-C	CuSn9P	Rest			8.0					0.2			≤0.5	Wear resistance. Argon arc welding of copper alloys and surfacing of steel.
Aluminium Bronze-A1	SMCuAl-A1	SCu6100	ERCuAl-A1	CuAl8	Rest	8.0										≤0.5	Wear and corrosion resistance. Argon arc welding of copper alloys and surfacing of stee
Aluminium Bronze-A2	SMCuAl-A2	SCu6180	ERCuAl-A2	CuAl10	Rest	9.5					1.0					≤0.5	Wear and corrosion resistance. Argon arc welding of copper alloys and surfacing of stee
Aluminium Bronze-A3	SMCuAl-A3	SCu6240	ERCuAl-A3	CuAl11Fe3	Rest	10.50					4.0					≤0.5	Wear and corrosion resistance. Argon arc welding of copper alloys and surfacing of stee
Nickel Aluminium Bronze	SMCuAlNi2	SCu6327		CuAl8Ni2	Rest	8.0			1.5	2.2	2.0					≤0.5	Melting point is about 1038℃–1054℃, Wear and corrosion resistance. Argon arc welding of copper alloys and surfacing of steel.
Nickel Aluminium Bronze	SMCuAlNi5	SCu6328	ERCuNiAl	CuAl9Ni5	Rest	9.0			1.5	5.0	3.5					≤0.5	Melting point is about 1038℃–1054℃, Wear and corrosion resistance. Argon arc welding of copper alloys and surfacing of steel.
Manganese Nickel Aluminium Bronze	SMCuMnNiAl	SCu6338	ERCuMnNiAl	CuMn13Al7	Rest	7.5			11.5	2.5	2.5					≤0.5	Wear and corrosion resistance. Argon arc welding of copper alloys and surfacing of steel.
Naval Bronze	SMCuZn-A	SCu4700	RBCuZn-A	CuZn40	59.5										Rest	≤0.5	Melting point is about 890℃. Gas welding and carbon arc welding of brass, also brazing of copper, steel and cast iron.
Low Fuming Bronze	SMCuZn-C	SCu6810	RBCuZn-C	CuZn40SnSiMn	60.0		0.25	0.5							Rest	≤0.5	Melting point is about 890℃. Gas welding and carbon arc welding of brass, also brazing of copper, steel and cast iron.
Nickel Bronze	SMCuZN-B	SCu6800	RBCuZn-B	CuZn40Ni	59.0		0.05	0.25	0.05	0.25	0.4				Rest	≤0.5	Melting point is about 890℃. Gas welding and carbon arc welding of brass, also brazing of copper, steel and cast iron.
Nickel-Silver	SMCuZn-D	SCu7730	RBCuZn-D	CuZn40Ni10	49.0		0.15	1.0		10.0					Rest	≤0.5	Melting point is about 935℃. and high strenth. Brazing of steel and carbide alloys.
Copper-Nickel	SMCuNi	SCu7158	ERCuNi	CuNi30	Rest				1.0	30.5	1.0			0.4		≤0.5	High strength, Brazing carbide alloys.
Copper-Nickel	SMNi10Fe		CuNi10Fe	CuNi10	Rest				1.0	10.5	1.0			0.4		≤0.5	High strength, Brazing carbide alloys.