

Luvata Rolled Products Copper and Copper Alloys

Copper and low alloyed copper

ISO	Luvata/Trade name	UNS	EN	JIS	Typical application
Cu-OFE	OFE-OK	C10100	CW009A		
Cu-OF	OF-OK	C10200	CW008A	C1020	Telecom & Electrical applications
Cu-HCP	Cu-HCP / SM0013	C10300	CW021A		Telecom & cable wrap. 98.3% IACS
Cu-XLP	Cu-PHC / SM0011	C10300	CW020A		Telecom & cable wrap. 100% IACS
CuAg0.04 (OF)	CuAg0.04 (OF)	C10400	CW017A		
CuAg0.045 (OF)	CuAg0.045 (OF)	C10500	CW017A		
CuAg0.05 (OF)	CuAg0.05 (OF)				
CuAg0.10P	CuAg0.10P	C10700	CW016A		
CuAg0.10 (OF)	CuAg0.10 (OF)	C10700	CW019A		
Cu-ETP		C11000	CW004A		
Cu-STP		C11300			
Cu-DLP	Cu-DLP	C12000	CW023A	C1201	Telecom
Cu-DHP	Cu-DHP	C12200	CW024A	C1221	AC tubes
Cu-DHP	SM0028	C12210	CW024A	C1220	
CuTe0.02Sn0.02	SM0300	C14530			Heat exchanger & connectors
CuSn0.04	SM0700				Heat exchanger
CuSn0.09	SM0701				Heat exchanger and flexible contacts
CuSn0.12	SM0702	C14415	CW117C		Heat exchanger and connectors
CuFe0.1P0.03	KFC	C19210			Electrical contacts & connectors

Brass

ISO	Luvata/Trade name	UNS	EN	JIS	Typical application
CuZn5		C21000	CW500L		
CuZn10	SM1090	C22000	CW501L	C2200	
CuZn15	SM1085, Nordic Brass	C23000	CW502L	C2300	
CuZn20		C24000	CW503L	C2400	
CuZn30	SM1070	C26000	CW505L	C2600	
CuZn30As	SM2870	C26130	CW707R	CW707R	
CuZn33	SM1067	C26800	CW506L	C2680	
CuZn35	SM1065	C27000		C2700	
CuZn35P	SM2965				
CuZn37	SM1063	C27200	CW508L	C2720	
CuZn40		C28000	CW509L		

Alloyed brass

ISO	Luvata/Trade name	UNS	EN	JIS	Typical application
CuZn11.5Sn1		C42200			Connectors
CuZn9.5Sn2		C42500		C4250	Connectors
CuZn14Fe0.8Sn0.8	OCPX	C66430			Connectors

Copper Tin alloys

ISO	Luvata/Trade name	UNS	EN	JIS	Typical application
CuSn2Fe0.1P0.03	KLF-5	C50715			Connectors
CuSn2Zn2.2Fe0.1P0.03	KLF-5Z	C50725			Connectors
CuSn4		C51100	CW450K		Electrical contacts & connectors
CuSn5		C51000	CW451K		Electrical contacts & connectors

Special alloys CuproBraz

ISO	Luvata/Trade name	UNS	EN	JIS	Typical application
CuCr0.2	SM0502				Cu proBraz fin material
CuZn14Fe0.9	SM2385	C66420			Cu proBraz tube material
Cu64ZnNi3	SM2464	C74400			Cu proBraz tank & header

Special Bronze

ISO	Luvata/Trade name	UNS	EN	JIS	Typical application
CuAl5Zn5Sn1	Nordic Royal				Building purposes

Special High Performance CuNiSi alloys

ISO	Luvata/Trade name	UNS	EN	JIS	Typical application
CuNi1.8Si0.4Zn1.1Sn0.1Mg0.01	CAC60	C64760			Connectors
CuNi2Si0.4		C70260	CW111C		Connectors