

Electrical Contact Alloys

D = Density **C** = Electrical Conductivity **R** = Resistivity (microhms cm) **TA** = Tempers Available

Alloy	Nominal Composition	D (g/cc)	ASTM Equiv.	Compare To*	C %IACS	R	TA
CI02	69Au, 25Ag, 6Pt	16.0	B522	WE I	10	15.8	AR, A
CI03	35Pd, 30Ag, 14Cu, 10Au, 10Pt, 1Zn	11.8	B540	Paliney 7	4.9-5.5	35.2-31.3	AR, A, WQ
CI05	44Pd, 38Ag, 16Cu, 1Pt, 1Ni	10.8	B563	Paliney 6	5.6-6.7	34.8-25.8	AR, A, WQ
CI06	72Ag, 28Cu	10.0	B628	-	84-89.5	2.0-1.9	AR, A
CI09	60Pd, 40Ag	11.6	B731	R -156	4.1	42.0	AR, A
CI10	75Au, 25Ag	15.9		Ney Oro 28	16.8	10.3	AR, A
CI17	Ag, Mg, Ni	10.4		Consil 995	75	2.3	AR, A
CI18	90Ag, 10Cu	10.31		Coin Silver	79-94	2.1-1.8	AR, A

AR = As rolled, [1/4 hard, 1/2 hard, full hard], **A** = Annealed, **WQ** = Water Quenched

* The competing products listed by the trademarks of their respective suppliers are for industry reference and comparison purposes only.