

High Purity Alloys

Alloy Type	Filler Metal Name	Solidus		Liquidus		Nominal Composition								AWS Spec
		F	C	F	C	Ag	Au	Cu	Ni	Pd	Pt	Sn	Other	
Pure Metals	CDA 101	1981	1083	1981	1083	0	0	99.990	0	0	0	0	0	BVCu-1x
	CDA 102	1981	1083	1981	1083	0	0	99.950	0	0	0	0	0	BCu-3
	99.0 Commercial Pure Nickel	2642	1450	2642	1450	0	0	0	100.000	0	0	0	0	--
	99.93/99.95 Commercial Grade Fine Silver	1761	961	1761	961	99.930	0	0	0	0	0	0	0	--
	99.99 Commercial Grade Fine Silver	1761	961	1761	961	99.990	0	0	0	0	0	0	0	--
	99.90 Commercial Grade Commercial Silver	1761	961	1761	961	99.900	0	0	0	0	0	0	0	--
	99.99 Commercial Pure Gold	1947	1064	1947	1064	0	99.000	0	0	0	0	0	0	--
	99.95 Commercial Pure Palladium	2826	1552	2826	1552	0	0	0	0	99.950	0	0	0	--
Silver Filler Metals, Cadmium-Free	SILVALOY 503 VTG	1435	779	1600	871	50.000	0	50.000	0	0	0	0	0	BVAg-6b Grade 2
	SILVALOY 604 VTG Gr1 & Gr2	1115	602	1325	718	60.000	0	30.000	0	0	0	10.000	0	BVAg-18 Grade 1 and 2
	SILVALOY 285	1435	780	1555	846	85.000	0	15.000	2.500	0	0	6.000	0	BAG-21
	SILVALOY 697 VTG	1435	779	1435	779	69.700	0	28.000	0	0	0	0	.3 Co, 2 Ge	--
	SILVALOY 711	1435	779	1465	796	71.150	0	28.100	0.750	0	0	0	0	--
	SILVALOY 716 VTG Gr2	1435	779	1465	796	71.150	0	28.000	0.500	0	0	0	0	BVAg-8b Grade 2
	SILVALOY 717 VTG Gr1	1435	779	1465	796	71.500	0	28.000	0.500	0	0	0	0	BVAg-8b Grade 1
	SILVALOY 720	1435	779	1435	779	72.000	0	28.000	0	0	0	0	0	Bag-8
Gold and/or Palladium Filler Metals	SILVALOY 721 VTG Gr1	1435	779	1435	779	72.000	0	28.000	0	0	0	0	0	BVAg-8 Grade 1
	PREMABRAZE 025	1900	1038	1940	1060	0	25.000	75.000	0	0	0	0	0	--
	PREMABRAZE 030	1620	882	1790	977	0	0	88.000	0	0	0	0	12 Ge	--
	PREMABRAZE 051	1625	885	1643	895	5.000	75.000	20.000	0	0	0	0	0	--
	PREMABRAZE 110	1945	1063	1972	1078	0	10.000	90.000	0	0	0	0	0	--
	PREMABRAZE 127	1814	990	1850	1010	0	35.000	62.000	3.000	0	0	0	0	BAu-3
	PREMABRAZE 131	1740	949	1740	949	0	82.000	0	18.000	0	0	0	0	BVAu-4 Grade 1
	PREMABRAZE 140	1796	980	1832	1000	0	40.000	60.000	0	0	0	0	0	--
	PREMABRAZE 179	2260	1238	2260	1238	0	0	0	40.000	60.000	0	0	0	--
	PREMABRAZE 180	2245	1229	2255	1235	0	0	0	0	65.000	0	0	35 Co	BVPd-1 Grade 1 and 2
	PREMABRAZE 265	1562	850	1652	900	65.000	0	20.000	0	15.000	0	0	0	--
	PREMABRAZE 285	1435	779	1555	846	85.000	0	15.000	0	0	0	0	0	--
	PREMABRAZE 286	1760	960	2615	1435	86.000	0	0	14.000	0	0	0	0	--
	PREMABRAZE 300	2075	1135	2130	1166	0	30.000	0	36.000	34.000	0	0	0	BAu-5
	PREMABRAZE 399	1815	991	1860	1016	0	37.500	62.500	0	0	0	0	0	BAu-1
	PREMABRAZE 402	1751	955	1778	970	0	50.000	50.000	0	0	0	0	0	BVAu-10 Grade 1 and 2
	PREMABRAZE 407	1814	990	1850	1010	0	35.000	65.000	0	0	0	0	0	BVAu-9 Grade 1 and 2
	PREMABRAZE 408	1535	835	1553	845	20.000	60.000	20.000	0	0	0	0	0	--
	PREMABRAZE 409	1670	910	1697	925	0	81.500	16.500	2.000	0	0	0	0	--
	PREMABRAZE 500	2016	1102	2050	1121	0	50.000	0	25.000	25.000	0	0	0	BVAu-7 Grade 1 and 2
	PREMABRAZE 520	1607	875	1652	900	52.000	0	28.000	0	20.000	0	0	0	--
	PREMABRAZE 540	1652	900	1740	949	54.000	0	21.000	0	25.000	0	0	0	BVAg-32 Grade 1 and 2
	PREMABRAZE 550	1520	827	1600	871	55.000	0	30.000	5.000	10.000	0	0	0	--
	PREMABRAZE 580	1515	824	1565	852	58.000	0	32.000	0	10.000	0	0	0	BVAg-31 Grade 1 and 2
	PREMABRAZE 616	1155	624	1305	707	61.500	0	24.000	0	0	0	0	14.5 In	BVAg-29 Grade 1
	PREMABRAZE 631	1265	685	1346	730	63.000	0	27.000	0	0	0	0	10 In	--
	PREMABRAZE 680	1485	807	1490	810	68.000	0	27.000	0	5.000	0	0	0	BVAg-30 Grade 1 and 2
	PREMABRAZE 700	1845	1007	1915	1046	0	70.000	0	22.000	8.000	0	0	0	BAu-6
	PREMABRAZE 800	536	280	536	280	0	80.000	0	0	0	0	20.000	0	--
	PREMABRAZE 880	673	356	673	356	0	88.000	0	0	0	0	0	12 Ge	--
	PREMABRAZE 901	1835	1002	1950	1066	90.000	0	0	0	10.000	0	0	0	--
Active Alloys	Active 241	1148	620	1328	720	60.000	0	24.000	0	0	0	0	14 In, 2 Ti	--
	Active 270	1435	779	1472	800	70.000	0	28.000	0	0	0	0	2 Ti	--
	Active 273	1435	779	1481	805	70.500	0	26.500	0	0	0	0	3 Ti	--
	Tiger Ink	Unique alternative solution to active filler metals in joining non-metallic materials. Compatible with various alloys.												--

This list reflects our common filler materials used in VED/Electronics. It is not a complete list of our product offerings. Custom filler metals available upon request.

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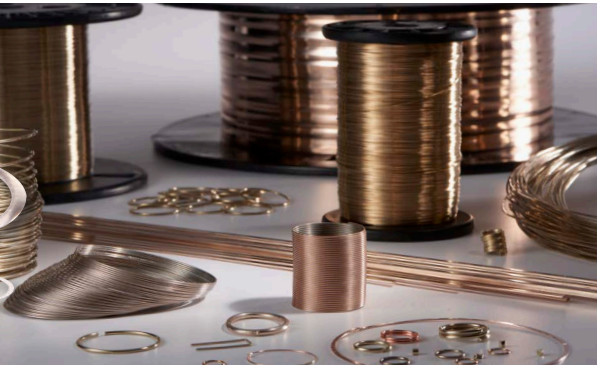
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