

Weight Table

of commonly used thermocouple wire sizes

Weight give based on pure platinum.

To convert to other alloys, multiply by conversion factor.

A.W.G. Gauge	Dia. Inch	Dia. mm	WT per Foot		WT per Meter	
			Troy Ounce	Grams	Troy Ounce	Grams
32	0.008	0.2032	0.006813	0.2119	0.022352	0.6952
30	0.010	0.2540	0.01065	0.3313	0.034941	1.0869
	0.012	0.3048	0.01533	0.4768	0.050295	1.5643
28	0.013	0.3302	0.01799	0.5596	0.059022	1.8359
27	0.014	0.3556	0.02086	0.6488	0.068438	2.1286
26	0.016	0.4064	0.02725	0.8476	0.089403	2.7808
25	0.018	0.4572	0.03449	1.0730	0.113156	3.5203
24	0.020	0.5080	0.04258	1.3240	0.139698	4.3438
	0.022	0.5588	0.05152	1.6020	0.169029	5.2559
23	0.023	0.5842	0.05631	1.7510	0.184744	5.7448
	0.024	0.6096	0.06132	1.9070	0.201181	6.2566
22	0.025	0.6350	0.06653	2.0690	0.218274	6.7880
	0.026	0.6604	0.07196	2.2380	0.236089	7.3425
21	0.028	0.7112	0.08346	2.5960	0.273819	8.5171
	0.030	0.7620	0.09581	2.9800	0.314337	9.7769
20	0.032	0.8128	0.10900	3.3900	0.357612	11.1220
18	0.040	1.0160	0.17030	5.2970	0.558727	17.3786
17	0.045	1.1430	0.21560	6.7060	0.707349	21.0013

CONVERSION FACTOR

PLATINUM 6% RHODIUM	0.958
PLATINUM 10% RHODIUM	0.933
PLATINUM 13% RHODIUM	0.914
PLATINUM 20% RHODIUM	0.873
PLATINUM 30% RHODIUM	0.821
PLATINUM 40% RHODIUM	0.775

