

**Voltage (mV) / Temperature(C) Table**  
**Type K - (Chromel-Alumel) – Thermocouple**

Degrees C	0	1	2	3	4	5	6	7	8	9
-90	-3.242	-3.274	-3.305	-3.337	-3.368	-3.399	-3.43	-3.461	-3.492	-3.523
-80	-2.92	-2.953	-2.985	-3.018	-3.05	-3.082	-3.115	-3.147	-3.179	-3.211
-70	-2.586	-2.62	-2.654	-2.687	-2.721	-2.754	-2.788	-2.821	-2.854	-2.887
-60	-2.243	-2.277	-2.312	-2.347	-2.381	-2.416	-2.45	-2.484	-2.518	-2.552
-50	-1.889	-1.925	-1.961	-1.996	-2.032	-2.067	-2.102	-2.137	-2.173	-2.208
Degrees C	0	1	2	3	4	5	6	7	8	9
-40	-1.527	-1.563	-1.6	-1.636	-1.673	-1.709	-1.745	-1.781	-1.817	-1.853
-30	-1.156	-1.193	-1.231	-1.268	-1.305	-1.342	-1.379	-1.416	-1.453	-1.49
-20	-0.777	-0.816	-0.854	-0.892	-0.93	-0.968	-1.055	-1.043	-1.081	-1.118
-10	-0.392	-0.431	-0.469	-0.508	-0.547	-0.585	-0.624	-0.662	-0.701	-0.739
0	0	-0.039	-0.079	-0.118	-0.157	-0.197	-0.236	-0.275	-0.314	-0.353
Degrees C	0	1	2	3	4	5	6	7	8	9
0	0	0.039	0.079	0.119	0.158	0.198	0.238	0.277	0.317	0.357
10	0.397	0.437	0.477	0.517	0.557	0.597	0.637	0.677	0.718	0.758
20	0.798	0.838	0.879	0.919	0.96	1	1.041	1.081	1.122	1.162
30	1.203	1.244	1.285	1.325	1.366	1.407	1.448	1.489	1.529	1.57
40	1.611	1.652	1.693	1.734	1.776	1.817	1.858	1.899	1.94	1.981
Degrees C	0	1	2	3	4	5	6	7	8	9
50	2.022	2.064	2.105	2.146	2.188	2.229	2.27	2.312	2.353	2.394
60	2.436	2.477	2.519	2.56	2.601	2.643	2.684	2.726	2.767	2.809
70	2.85	2.892	2.933	2.975	3.016	3.058	3.1	3.141	3.183	3.224
80	3.266	3.307	3.349	3.39	3.432	3.473	3.515	3.556	3.598	3.639
90	3.681	3.722	3.764	3.805	3.847	3.888	3.93	3.971	4.012	4.054



Degrees C	0	1	2	3	4	5	6	7	8	9
100	4.095	4.137	4.178	4.219	4.261	4.302	4.343	4.384	4.426	4.467
110	4.508	4.549	5.59	4.632	4.673	4.714	4.755	4.796	4.837	4.878
120	4.919	4.96	5.001	5.042	5.083	5.124	5.164	5.205	5.246	5.287
130	5.327	5.368	5.409	5.45	5.49	5.531	5.571	5.612	5.652	5.693
140	5.733	5.774	5.814	5.855	5.895	5.936	5.976	6.016	6.057	6.097
Degrees C	0	1	2	3	4	5	6	7	8	9
150	6.137	6.177	6.218	6.258	6.298	6.338	6.378	6.419	6.459	6.499
160	6.539	6.579	6.619	6.659	6.699	6.739	6.779	6.819	6.859	6.899
170	6.939	6.979	7.019	7.059	7.099	7.139	7.179	7.219	7.259	7.299
180	7.338	7.378	7.418	7.458	7.498	7.538	7.578	7.618	7.658	7.697
190	7.737	7.777	7.817	7.857	7.897	7.937	7.977	8.017	8.057	8.097
Degrees C	0	1	2	3	4	5	6	7	8	9
200	8.137	8.177	8.216	8.256	8.296	8.336	8.376	8.416	8.456	8.497
210	8.537	8.577	8.617	8.657	8.697	8.737	8.777	8.817	8.857	8.898
220	8.938	8.978	9.018	9.058	9.099	9.139	9.179	9.22	9.26	9.3
230	9.341	9.381	9.421	9.462	9.502	9.543	9.583	9.624	9.664	9.705
240	9.745	9.786	9.826	9.867	9.907	9.948	9.989	10.029	10.07	10.111
Degrees C	0	1	2	3	4	5	6	7	8	9
250	10.151	10.192	10.233	10.274	10.315	10.355	10.396	10.437	10.478	10.519
260	10.56									