

mV. Chart for TYPE-S thermocouple

AMB		1,200	1,250	1,300	1,350	1,400	1,450	1,500	1,550	1,600	1,650	1,700	1,750
0	0	11.951	12.554	13.159	13.766	14.373	14.978	15.582	16.182	16.777	17.366	17.947	18.503
5	0.027	11.924	12.527	13.132	13.739	14.346	14.951	15.555	16.155	16.750	17.339	17.920	18.476
6	0.033	11.918	12.521	13.126	13.733	14.340	14.945	15.549	16.149	16.744	17.333	17.914	18.470
7	0.038	11.913	12.516	13.121	13.728	14.335	14.940	15.544	16.144	16.739	17.328	17.909	18.465
8	0.044	11.907	12.510	13.115	13.722	14.329	14.934	15.538	16.138	16.733	17.322	17.903	18.459
9	0.050	11.901	12.504	13.109	13.716	14.323	14.928	15.532	16.132	16.727	17.316	17.897	18.453
10	0.055	11.896	12.499	13.104	13.711	14.318	14.923	15.527	16.127	16.722	17.311	17.892	18.448
11	0.061	11.890	12.493	13.098	13.705	14.312	14.917	15.521	16.121	16.716	17.305	17.886	18.442
12	0.067	11.884	12.487	13.092	13.699	14.306	14.911	15.515	16.115	16.710	17.299	17.880	18.436
13	0.072	11.879	12.482	13.087	13.694	14.301	14.906	15.510	16.110	16.705	17.294	17.875	18.431
14	0.078	11.873	12.476	13.081	13.688	14.295	14.900	15.504	16.104	16.699	17.288	17.869	18.425
15	0.084	11.867	12.470	13.075	13.682	14.289	14.894	15.498	16.098	16.693	17.282	17.863	18.419
16	0.090	11.861	12.464	13.069	13.676	14.283	14.888	15.492	16.092	16.687	17.276	17.857	18.413
17	0.095	11.856	12.459	13.064	13.671	14.278	14.883	15.487	16.087	16.682	17.271	17.852	18.408
18	0.101	11.850	12.453	13.058	13.665	14.272	14.877	15.481	16.081	16.676	17.265	17.846	18.402
19	0.107	11.844	12.447	13.052	13.659	14.266	14.871	15.475	16.075	16.670	17.259	17.840	18.396
20	0.113	11.838	12.441	13.046	13.653	14.260	14.865	15.469	16.069	16.664	17.253	17.834	18.390
21	0.119	11.832	12.435	13.040	13.647	14.254	14.859	15.463	16.063	16.658	17.247	17.828	18.384
22	0.125	11.826	12.429	13.034	13.641	14.248	14.853	15.457	16.057	16.652	17.241	17.822	18.378
23	0.131	11.820	12.423	13.028	13.635	14.242	14.847	15.451	16.051	16.646	17.235	17.816	18.372
24	0.137	11.814	12.417	13.022	13.629	14.236	14.841	15.445	16.045	16.640	17.229	17.810	18.366
25	0.143	11.808	12.411	13.016	13.623	14.230	14.835	15.439	16.039	16.634	17.223	17.804	18.360
26	0.149	11.802	12.405	13.010	13.617	14.224	14.829	15.433	16.033	16.628	17.217	17.798	18.354
27	0.155	11.796	12.399	13.004	13.611	14.218	14.823	15.427	16.027	16.622	17.211	17.792	18.348
28	0.161	11.790	12.393	12.998	13.605	14.212	14.817	15.421	16.021	16.616	17.205	17.786	18.342
29	0.167	11.784	12.387	12.992	13.599	14.206	14.811	15.415	16.015	16.610	17.199	17.780	18.336
30	0.173	11.778	12.381	12.986	13.593	14.200	14.805	15.409	16.009	16.604	17.193	17.774	18.330
31	0.179	11.772	12.375	12.980	13.587	14.194	14.799	15.403	16.003	16.598	17.187	17.768	18.324
32	0.185	11.766	12.369	12.974	13.581	14.188	14.793	15.397	15.997	16.592	17.181	17.762	18.318
33	0.191	11.760	12.363	12.968	13.575	14.182	14.787	15.391	15.991	16.586	17.175	17.756	18.312
34	0.197	11.754	12.357	12.962	13.569	14.176	14.781	15.385	15.985	16.580	17.169	17.750	18.306
35	0.204	11.747	12.350	12.955	13.562	14.169	14.774	15.378	15.978	16.573	17.162	17.743	18.299
36	0.210	11.741	12.344	12.949	13.556	14.163	14.768	15.372	15.972	16.567	17.156	17.737	18.293
37	0.216	11.735	12.338	12.943	13.550	14.157	14.762	15.366	15.966	16.561	17.150	17.731	18.287
38	0.222	11.729	12.332	12.937	13.544	14.151	14.756	15.360	15.960	16.555	17.144	17.725	18.281
39	0.229	11.722	12.325	12.930	13.537	14.144	14.749	15.353	15.953	16.548	17.137	17.718	18.274
40	0.235	11.716	12.319	12.924	13.531	14.138	14.743	15.347	15.947	16.542	17.131	17.712	18.268
41	0.241	11.710	12.313	12.918	13.525	14.132	14.737	15.341	15.941	16.536	17.125	17.706	18.262
42	0.248	11.703	12.306	12.911	13.518	14.125	14.730	15.334	15.934	16.529	17.118	17.699	18.255
43	0.254	11.697	12.300	12.905	13.512	14.119	14.724	15.328	15.928	16.523	17.112	17.693	18.249
44	0.260	11.691	12.294	12.899	13.506	14.113	14.718	15.322	15.922	16.517	17.106	17.687	18.243
45	0.267	11.684	12.287	12.892	13.499	14.106	14.711	15.315	15.915	16.510	17.099	17.680	18.236
46	0.273	11.678	12.281	12.886	13.493	14.100	14.705	15.309	15.909	16.504	17.093	17.674	18.230
47	0.280	11.671	12.274	12.879	13.486	14.093	14.698	15.302	15.902	16.497	17.086	17.667	18.223
48	0.286	11.665	12.268	12.873	13.480	14.087	14.692	15.296	15.896	16.491	17.080	17.661	18.217
48	0.292	11.659	12.262	12.867	13.474	14.081	14.686	15.290	15.890	16.485	17.074	17.655	18.211
50	0.299	11.652	12.255	12.860	13.467	14.074	14.679	15.283	15.883	16.478	17.067	17.648	18.204
51	0.305	11.646	12.249	12.854	13.461	14.068	14.673	15.277	15.877	16.472	17.061	17.642	18.198
52	0.312	11.639	12.242	12.847	13.454	14.061	14.666	15.270	15.870	16.465	17.054	17.635	18.191
53	0.319	11.632	12.235	12.840	13.447	14.054	14.659	15.263	15.863	16.458	17.047	17.628	18.184
54	0.325	11.626	12.229	12.834	13.441	14.048	14.653	15.257	15.857	16.452	17.041	17.622	18.178
55	0.332	11.619	12.222	12.827	13.434	14.041	14.646	15.250	15.850	16.445	17.034	17.615	18.171
56	0.338	11.613	12.216	12.821	13.428	14.035	14.640	15.244	15.844	16.439	17.028	17.609	18.165
57	0.345	11.606	12.209	12.814	13.421	14.028	14.633	15.237	15.837	16.432	17.021	17.602	18.158
58	0.352	11.599	12.202	12.807	13.414	14.021	14.626	15.230	15.830	16.425	17.014	17.595	18.151
59	0.358	11.593	12.196	12.801	13.408	14.015	14.620	15.224	15.824	16.419	17.008	17.589	18.145
60	0.365	11.586	12.189	12.794	13.401	14.008	14.613	15.217	15.817	16.412	17.001	17.582	18.138