

T형 열전대

t ₉₀ °C	E μV	S μV/°C	t ₉₀ °C	E μV	S μV/°C	t ₉₀ °C	E μV	S μV/°C	t ₉₀ °C	E μV	S μV/°C
-270	-6257.5	1.01	-220	-5888.5	12.71	-170	-5069.6	19.77	-120	-3923.0	26.02
-269	-6256.3	1.38	-219	-5875.7	12.88	-169	-5049.7	19.90	-119	-3896.9	26.15
-268	-6254.8	1.72	-218	-5862.7	13.05	-168	-5029.8	20.03	-118	-3870.7	26.27
-267	-6252.9	2.04	-217	-5849.6	13.21	-167	-5009.7	20.16	-117	-3844.3	26.39
-266	-6250.7	2.34	-216	-5836.3	13.37	-166	-4989.5	20.29	-116	-3817.9	26.51
-265	-6248.2	2.63	-215	-5822.8	13.53	-165	-4969.1	20.42	-115	-3791.3	26.63
-264	-6245.4	2.90	-214	-5809.2	13.69	-164	-4948.6	20.55	-114	-3764.6	26.75
-263	-6242.4	3.16	-213	-5795.5	13.84	-163	-4928.0	20.68	-113	-3737.8	26.87
-262	-6239.1	3.42	-212	-5781.5	14.00	-162	-4907.3	20.80	-112	-3710.9	26.99
-261	-6235.6	3.67	-211	-5767.5	14.15	-161	-4886.4	20.93	-111	-3683.9	27.10
-260	-6231.8	3.92	-210	-5753.2	14.30	-160	-4865.4	21.06	-110	-3656.7	27.22
-259	-6227.7	4.16	-209	-5738.9	14.45	-159	-4844.3	21.19	-109	-3629.4	27.34
-258	-6223.4	4.41	-208	-5724.3	14.60	-158	-4823.0	21.31	-108	-3602.0	27.46
-257	-6218.9	4.65	-207	-5709.7	14.74	-157	-4801.6	21.44	-107	-3574.5	27.58
-256	-6214.1	4.89	-206	-5694.9	14.89	-156	-4780.1	21.57	-106	-3546.9	27.70
-255	-6209.1	5.13	-205	-5679.9	15.03	-155	-4758.5	21.69	-105	-3519.1	27.81
-254	-6203.9	5.38	-204	-5664.8	15.18	-154	-4736.8	21.82	-104	-3491.2	27.93
-253	-6198.4	5.62	-203	-5649.5	15.32	-153	-4714.9	21.95	-103	-3463.2	28.05
-252	-6192.6	5.86	-202	-5634.2	15.46	-152	-4692.9	22.07	-102	-3435.1	28.16
-251	-6186.7	6.10	-201	-5618.6	15.60	-151	-4670.7	22.20	-101	-3406.9	28.28
-250	-6180.4	6.34	-200	-5603.0	15.74	-150	-4648.5	22.32	-100	-3378.6	28.39
-249	-6174.0	6.59	-199	-5587.2	15.88	-149	-4626.1	22.45	-99	-3350.1	28.51
-248	-6167.3	6.83	-198	-5571.2	16.02	-148	-4603.6	22.57	-98	-3321.6	28.63
-247	-6160.3	7.07	-197	-5555.1	16.16	-147	-4580.9	22.70	-97	-3292.9	28.74
-246	-6153.1	7.31	-196	-5538.9	16.30	-146	-4558.2	22.82	-96	-3264.1	28.86
-245	-6145.7	7.55	-195	-5522.5	16.43	-145	-4535.3	22.95	-95	-3235.2	28.97
-244	-6138.0	7.79	-194	-5506.0	16.57	-144	-4512.3	23.07	-94	-3206.1	29.08
-243	-6130.1	8.03	-193	-5489.4	16.71	-143	-4489.1	23.20	-93	-3177.0	29.20
-242	-6122.0	8.26	-192	-5472.6	16.84	-142	-4465.9	23.32	-92	-3147.7	29.31
-241	-6113.6	8.50	-191	-5455.7	16.98	-141	-4442.5	23.45	-91	-3118.4	29.43
-240	-6105.0	8.73	-190	-5438.6	17.12	-140	-4419.0	23.57	-90	-3088.9	29.54
-239	-6096.1	8.95	-189	-5421.5	17.25	-139	-4395.4	23.69	-89	-3059.3	29.65
-238	-6087.1	9.18	-188	-5404.1	17.39	-138	-4371.6	23.82	-88	-3029.6	29.76
-237	-6077.8	9.40	-187	-5386.7	17.52	-137	-4347.7	23.94	-87	-2999.8	29.88
-236	-6068.3	9.62	-186	-5369.1	17.66	-136	-4323.7	24.07	-86	-2969.8	29.99
-235	-6058.5	9.84	-185	-5351.4	17.79	-135	-4299.6	24.19	-85	-2939.8	30.10
-234	-6048.6	10.05	-184	-5333.5	17.92	-134	-4275.3	24.31	-84	-2909.6	30.21
-233	-6038.4	10.27	-183	-5315.5	18.06	-133	-4251.0	24.44	-83	-2879.4	30.33
-232	-6028.0	10.47	-182	-5297.4	18.19	-132	-4226.5	24.56	-82	-2849.0	30.44
-231	-6017.5	10.68	-181	-5279.1	18.32	-131	-4201.9	24.68	-81	-2818.5	30.55
-230	-6006.7	10.88	-180	-5260.8	18.46	-130	-4177.1	24.80	-80	-2787.9	30.66
-229	-5995.7	11.08	-179	-5242.2	18.59	-129	-4152.2	24.93	-79	-2757.2	30.77
-228	-5984.5	11.27	-178	-5223.6	18.72	-128	-4127.3	25.05	-78	-2726.3	30.88
-227	-5973.2	11.46	-177	-5204.8	18.86	-127	-4102.1	25.17	-77	-2695.4	30.99
-226	-5961.6	11.65	-176	-5185.9	18.99	-126	-4076.9	25.29	-76	-2664.4	31.10
-225	-5949.9	11.83	-175	-5166.8	19.12	-125	-4051.6	25.42	-75	-2633.2	31.21
-224	-5938.0	12.02	-174	-5147.6	19.25	-124	-4026.1	25.54	-74	-2601.9	31.32
-223	-5925.8	12.19	-173	-5128.3	19.38	-123	-4000.5	25.66	-73	-2570.6	31.43
-222	-5913.6	12.37	-172	-5108.9	19.51	-122	-3974.8	25.78	-72	-2539.1	31.54
-221	-5901.1	12.54	-171	-5089.3	19.64	-121	-3948.9	25.90	-71	-2507.5	31.65

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-70	-2475.8	31.76	-52	-1886.6	33.68	-34	-1263.7	35.51	-17	-645.7	37.19
-69	-2443.9	31.87	-51	-1852.9	33.79	-33	-1228.2	35.61	-16	-608.5	37.28
-68	-2412.0	31.98	-50	-1819.0	33.89	-32	-1192.5	35.71	-15	-571.1	37.38
-67	-2380.0	32.09	-49	-1785.1	34.00	-31	-1156.7	35.81	-14	-533.7	37.48
-66	-2347.8	32.20	-48	-1751.0	34.10	-30	-1120.9	35.91	-13	-496.2	37.57
-65	-2315.6	32.30	-47	-1716.9	34.20	-29	-1084.9	36.01	-12	-458.6	37.67
-64	-2283.2	32.41	-46	-1682.6	34.30	-28	-1048.9	36.11	-11	-420.9	37.76
-63	-2250.8	32.52	-45	-1648.3	34.41	-27	-1012.7	36.21	-10	-383.1	37.85
-62	-2218.2	32.63	-44	-1613.8	34.51	-26	-976.4	36.31	-9	-345.2	37.95
-61	-2185.5	32.73	-43	-1579.3	34.61	-25	-940.1	36.40	-8	-307.2	38.04
-60	-2152.7	32.84	-42	-1544.6	34.71	-24	-903.6	36.50	-7	-269.1	38.13
-59	-2119.8	32.95	-41	-1509.9	34.81	-23	-867.1	36.60	-6	-230.9	38.22
-58	-2086.8	33.05	-40	-1475.0	34.91	-22	-830.4	36.70	-5	-192.6	38.31
-57	-2053.7	33.16	-39	-1440.0	35.01	-21	-793.7	36.80	-4	-154.3	38.40
-56	-2020.5	33.27	-38	-1405.0	35.11	-20	-756.8	36.90	-3	-115.8	38.48
-55	-1987.2	33.37	-37	-1369.8	35.21	-19	-719.9	36.99	-2	-77.3	38.57
-54	-1953.8	33.48	-36	-1334.5	35.31	-18	-682.9	37.09	-1	-38.7	38.66
-53	-1920.2	33.58	-35	-1299.2	35.41						

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0	0.0	38.75	50	2035.7	42.82	100	4278.5	46.78	150	6704.1	50.16
1	38.8	38.82	51	2078.6	42.91	101	4325.3	46.86	151	6754.3	50.22
2	77.6	38.88	52	2121.5	42.99	102	4372.2	46.93	152	6804.5	50.28
3	116.5	38.95	53	2164.6	43.07	103	4419.2	47.00	153	6854.8	50.35
4	155.5	39.02	54	2207.7	43.16	104	4466.2	47.07	154	6905.2	50.41
5	194.6	39.10	55	2250.9	43.24	105	4513.3	47.15	155	6955.7	50.47
6	233.7	39.17	56	2294.2	43.33	106	4560.5	47.22	156	7006.2	50.53
7	272.9	39.24	57	2337.5	43.41	107	4607.8	47.29	157	7056.7	50.60
8	312.2	39.32	58	2381.0	43.50	108	4655.1	47.36	158	7107.4	50.66
9	351.6	39.39	59	2424.5	43.58	109	4702.5	47.43	159	7158.0	50.72
10	391.0	39.47	60	2468.2	43.66	110	4750.0	47.50	160	7208.8	50.78
11	430.5	39.54	61	2511.9	43.75	111	4797.5	47.57	161	7259.6	50.84
12	470.1	39.62	62	2555.6	43.83	112	4845.1	47.64	162	7310.5	50.90
13	509.7	39.70	63	2599.5	43.91	113	4892.8	47.71	163	7361.4	50.97
14	549.5	39.78	64	2643.5	43.99	114	4940.5	47.78	164	7412.4	51.03
15	589.3	39.86	65	2687.5	44.08	115	4988.3	47.85	165	7463.5	51.09
16	629.2	39.94	66	2731.6	44.16	116	5036.2	47.92	166	7514.6	51.15
17	669.2	40.02	67	2775.8	44.24	117	5084.2	47.99	167	7565.8	51.21
18	709.2	40.10	68	2820.1	44.32	118	5132.2	48.06	168	7617.0	51.27
19	749.4	40.18	69	2864.5	44.40	119	5180.3	48.12	169	7668.3	51.33
20	789.6	40.27	70	2908.9	44.48	120	5228.4	48.19	170	7719.7	51.39
21	829.9	40.35	71	2953.4	44.56	121	5276.7	48.26	171	7771.1	51.45
22	870.3	40.43	72	2998.0	44.64	122	5325.0	48.33	172	7822.6	51.51
23	910.8	40.51	73	3042.7	44.72	123	5373.3	48.40	173	7874.1	51.57
24	951.3	40.60	74	3087.5	44.80	124	5421.8	48.46	174	7925.7	51.63
25	992.0	40.68	75	3132.3	44.88	125	5470.3	48.53	175	7977.4	51.69
26	1032.7	40.77	76	3177.2	44.96	126	5518.8	48.60	176	8029.1	51.75
27	1073.5	40.85	77	3222.2	45.04	127	5567.5	48.67	177	8080.9	51.81
28	1114.4	40.94	78	3267.3	45.12	128	5616.2	48.73	178	8132.7	51.87
29	1155.4	41.02	79	3312.5	45.20	129	5664.9	48.80	179	8184.6	51.93
30	1196.4	41.11	80	3357.7	45.28	130	5713.8	48.87	180	8236.6	51.99
31	1237.6	41.19	81	3403.0	45.36	131	5762.7	48.93	181	8288.6	52.05
32	1278.8	41.28	82	3448.4	45.43	132	5811.6	49.00	182	8340.7	52.11
33	1320.1	41.36	83	3493.9	45.51	133	5860.6	49.06	183	8392.8	52.17
34	1361.6	41.45	84	3539.4	45.59	134	5909.7	49.13	184	8445.0	52.23
35	1403.0	41.53	85	3585.1	45.66	135	5958.9	49.19	185	8497.3	52.29
36	1444.6	41.62	86	3630.8	45.74	136	6008.1	49.26	186	8549.6	52.34
37	1486.3	41.71	87	3676.6	45.82	137	6057.4	49.32	187	8602.0	52.40
38	1528.0	41.79	88	3722.4	45.89	138	6106.8	49.39	188	8654.4	52.46
39	1569.9	41.88	89	3768.3	45.97	139	6156.2	49.45	189	8706.9	52.52
40	1611.8	41.96	90	3814.3	46.04	140	6205.7	49.52	190	8759.5	52.58
41	1653.8	42.05	91	3860.4	46.12	141	6255.2	49.58	191	8812.1	52.63
42	1695.9	42.14	92	3906.6	46.19	142	6304.9	49.65	192	8864.7	52.69
43	1738.1	42.22	93	3952.8	46.27	143	6354.5	49.71	193	8917.4	52.75
44	1780.3	42.31	94	3999.1	46.34	144	6404.3	49.78	194	8970.2	52.81
45	1822.7	42.39	95	4045.5	46.42	145	6454.1	49.84	195	9023.1	52.86
46	1865.1	42.48	96	4092.0	46.49	146	6504.0	49.90	196	9076.0	52.92
47	1907.6	42.56	97	4138.5	46.57	147	6553.9	49.97	197	9128.9	52.98
48	1950.3	42.65	98	4185.1	46.64	148	6603.9	50.03	198	9181.9	53.04
49	1992.9	42.74	99	4231.8	46.71	149	6654.0	50.09	199	9235.0	53.09

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200	9288.1	53.15	250	12013.4	55.80	300	14861.9	58.09	350	17818.7	60.16
201	9341.3	53.21	251	12069.2	55.85	301	14920.0	58.13	351	17878.8	60.20
202	9394.5	53.26	252	12125.1	55.90	302	14978.2	58.17	352	17939.1	60.24
203	9447.8	53.32	253	12181.0	55.95	303	15036.4	58.22	353	17999.3	60.28
204	9501.2	53.38	254	12237.0	56.00	304	15094.6	58.26	354	18059.6	60.32
205	9554.6	53.43	255	12293.0	56.04	305	15152.9	58.30	355	18120.0	60.36
206	9608.0	53.49	256	12349.1	56.09	306	15211.2	58.34	356	18180.3	60.40
207	9661.5	53.54	257	12405.2	56.14	307	15269.6	58.39	357	18240.8	60.44
208	9715.1	53.60	258	12461.4	56.19	308	15328.0	58.43	358	18301.2	60.47
209	9768.7	53.65	259	12517.6	56.24	309	15386.4	58.47	359	18361.7	60.51
210	9822.4	53.71	260	12573.8	56.28	310	15444.9	58.51	360	18422.2	60.55
211	9876.1	53.76	261	12630.2	56.33	311	15503.5	58.56	361	18482.8	60.59
212	9929.9	53.82	262	12686.5	56.38	312	15562.0	58.60	362	18543.4	60.63
213	9983.8	53.87	263	12742.9	56.43	313	15620.7	58.64	363	18604.1	60.67
214	10037.7	53.93	264	12799.4	56.47	314	15679.3	58.68	364	18664.8	60.71
215	10091.6	53.98	265	12855.9	56.52	315	15738.0	58.72	365	18725.5	60.74
216	10145.7	54.04	266	12912.4	56.57	316	15796.8	58.77	366	18786.2	60.78
217	10199.7	54.09	267	12969.0	56.61	317	15855.6	58.81	367	18847.0	60.82
218	10253.8	54.15	268	13025.6	56.66	318	15914.4	58.85	368	18907.9	60.85
219	10308.0	54.20	269	13082.3	56.71	319	15973.3	58.89	369	18968.7	60.89
220	10362.2	54.25	270	13139.1	56.75	320	16032.2	58.93	370	19029.7	60.93
221	10416.5	54.31	271	13195.8	56.80	321	16091.1	58.97	371	19090.6	60.96
222	10470.9	54.36	272	13252.7	56.85	322	16150.1	59.02	372	19151.6	61.00
223	10525.2	54.42	273	13309.5	56.89	323	16209.2	59.06	373	19212.6	61.04
224	10579.7	54.47	274	13366.4	56.94	324	16268.2	59.10	374	19273.7	61.07
225	10634.2	54.52	275	13423.4	56.98	325	16327.4	59.14	375	19334.7	61.11
226	10688.7	54.57	276	13480.4	57.03	326	16386.5	59.18	376	19395.9	61.14
227	10743.3	54.63	277	13537.5	57.07	327	16445.7	59.22	377	19457.0	61.17
228	10798.0	54.68	278	13594.6	57.12	328	16505.0	59.26	378	19518.2	61.21
229	10852.7	54.73	279	13651.7	57.17	329	16564.2	59.31	379	19579.4	61.24
230	10907.5	54.79	280	13708.9	57.21	330	16623.6	59.35	380	19640.7	61.27
231	10962.3	54.84	281	13766.1	57.25	331	16682.9	59.39	381	19702.0	61.31
232	11017.1	54.89	282	13823.4	57.30	332	16742.3	59.43	382	19763.3	61.34
233	11072.0	54.94	283	13880.7	57.34	333	16801.8	59.47	383	19824.7	61.37
234	11127.0	54.99	284	13938.1	57.39	334	16861.3	59.51	384	19886.1	61.40
235	11182.0	55.04	285	13995.5	57.43	335	16920.8	59.55	385	19947.5	61.43
236	11237.1	55.10	286	14052.9	57.48	336	16980.4	59.59	386	20008.9	61.46
237	11292.2	55.15	287	14110.4	57.52	337	17040.0	59.63	387	20070.4	61.49
238	11347.4	55.20	288	14168.0	57.57	338	17099.7	59.67	388	20131.9	61.52
239	11402.6	55.25	289	14225.6	57.61	339	17159.4	59.72	389	20193.4	61.55
240	11457.9	55.30	290	14283.2	57.65	340	17219.1	59.76	390	20255.0	61.58
241	11513.2	55.35	291	14340.9	57.70	341	17278.9	59.80	391	20316.6	61.60
242	11568.6	55.40	292	14398.6	57.74	342	17338.7	59.84	392	20378.2	61.63
243	11624.0	55.45	293	14456.4	57.79	343	17398.5	59.88	393	20439.8	61.65
244	11679.5	55.50	294	14514.2	57.83	344	17458.4	59.92	394	20501.5	61.68
245	11735.0	55.55	295	14572.0	57.87	345	17518.4	59.96	395	20563.2	61.70
246	11790.6	55.60	296	14629.9	57.92	346	17578.4	60.00	396	20624.9	61.72
247	11846.2	55.65	297	14687.9	57.96	347	17638.4	60.04	397	20686.6	61.75
248	11901.9	55.70	298	14745.8	58.00	348	17698.4	60.08	398	20748.4	61.77
249	11957.6	55.75	299	14803.9	58.04	349	17758.5	60.12	399	20810.2	61.79
									400	20872.0	61.80