

## ATP Resistance versus Temperature Data

ATP Thermistor Type : 1004Z

(°F)	Ohms	(°F)	Ohms	(°F)	Ohms	(°F)	Ohms	(°F)	Ohms	(°F)	Ohms	(°F)	Ohms	(°F)	Ohms	(°F)	Ohms
-40	336,050	-6	103,486	28	36,601	62	14,546	96	6,382	130	3,047	164	1,565	198	855.7	232	494.3
-39	323,889	-5	100,184	29	35,565	63	14,179	97	6,238	131	2,985	165	1,536	199	841.4	233	86.8
-38	312,212	-4	96,999	30	34,562	64	13,822	98	6,097	132	2,925	166	1,508	200	827.3	234	479.4
-37	300,999	-3	93,927	31	33,591	65	13,475	99	5,960	133	2,865	167	1,480	201	813.6	235	472.1
-36	290,229	-2	90,962	32	32,650	66	13,139	100	5,826	134	2,807	168	1,453	202	800.1	236	464.9
-35	279,884	-1	88,101	33	31,739	67	12,811	101	5,696	135	2,751	169	1,427	203	786.8	237	457.9
-34	269,945	0	85,340	34	30,856	68	12,493	102	5,569	136	2,696	170	1,401	204	773.8	238	451
-33	260,396	1	82,676	35	30,000	69	12,184	103	5,446	137	2,642	171	1,375	205	761.1	239	444.2
-32	251,218	2	80,103	36	29,171	70	11,884	104	5,325	138	2,589	172	1,350	206	748.6	240	437.6
-31	242,397	3	77,620	37	28,368	71	11,591	105	5,208	139	2,537	173	1,326	207	736.3	241	431
-30	233,918	4	75,222	38	27,590	72	11,307	106	5,093	140	2,487	174	1,302	208	724.3	242	424.6
-29	225,766	5	72,906	39	26,835	73	11,031	107	4,981	141	2,438	175	1,279	209	712.5	243	418.3
-28	217,928	6	70,670	40	26,104	74	10,762	108	4,872	142	2,390	176	1,256	210	700.9	244	412.1
-27	210,390	7	68,510	41	25,394	75	10,501	109	4,766	143	2,343	177	1,234	211	689.6	245	406
-26	203,139	8	66,424	42	24,707	76	10,247	110	4,663	144	2,297	178	1,212	212	678.4	246	400
-25	196,165	9	64,408	43	24,040	77	10,000	111	4,562	145	2,252	179	1,190	213	667.5	247	394.1
-24	189,455	10	62,460	44	23,394	78	9,760	112	4,463	146	2,208	180	1,169	214	656.8	248	388.3
-23	182,998	11	60,578	45	22,767	79	9,526	113	4,367	147	2,165	181	1,149	215	646.2	249	382.7
-22	176,785	12	58,759	46	22,159	80	9,298	114	4,273	148	2,123	182	1,129	216	635.9	250	377.1
-21	170,804	13	57,001	47	21,569	81	9,077	115	4,182	149	2,082	183	1,109	217	625.8		
-20	165,048	14	55,301	48	20,997	82	8,862	116	4,093	150	2,042	184	1,089	218	615.8		
-19	159,506	15	53,658	49	20,442	83	8,652	117	4,006	151	2,003	185	1,070	219	606.1		
-18	154,169	16	52,069	50	19,903	84	8,448	118	3,921	152	1,965	186	1,052	220	596.5		
-17	149,030	17	50,533	51	19,380	85	8,249	119	3,838	153	1,927	187	1,034	221	587.1		
-16	144,081	18	49,047	52	18,873	86	8,056	120	3,757	154	1,890	188	1,016	222	577.9		
-15	139,313	19	47,610	53	18,380	87	7,868	121	3,678	155	1,855	189	998.3	223	568.8		
-14	134,720	20	46,220	54	17,902	88	7,685	122	3,601	156	1,820	190	981.2	224	559.9		
-13	130,295	21	44,875	55	17,438	89	7,506	123	3,526	157	1,785	191	964.4	225	551.2		
-12	126,031	22	43,574	56	16,988	90	7,333	124	3,453	158	1,752	192	947.9	226	542.6		
-11	121,921	23	42,315	57	16,551	91	7,164	125	3,381	159	1,719	193	931.8	227	534.2		
-10	117,960	24	41,097	58	16,126	92	6,999	126	3,311	160	1,687	194	915.9	228	525.9		
-9	114,141	25	39,917	59	15,714	93	6,839	127	3,243	161	1,655	195	900.4	229	517.8		
-8	110,460	26	38,776	60	15,313	94	6,682	128	3,176	162	1,624	196	885.2	230	509.8		
-7	106,910	27	37,671	61	14,924	95	6,530	129	3,111	163	1,594	197	870.3	231	502		