



TEMPERATURE VS. RESISTANCE CURVE

20,000 Ω NTC THERMISTOR, GREYSTONE SENSOR CODES 20 & 46

TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)
-40.0	814000	-40.0	14.0	33980	57.2	68.0	3338	154.4
-39.0	759600	-38.2	15.0	32340	59.0	69.0	3216	156.2
-38.0	709200	-36.4	16.0	30780	60.8	70.0	3100	158.0
-37.0	662400	-34.6	17.0	29300	62.6	71.0	2988	159.8
-36.0	619000	-32.8	18.0	27920	64.4	72.0	2882	161.6
-35.0	578600	-31.00	19.0	26600	66.2	73.0	2780	163.4
-34.0	541200	-29.2	20.0	25340	68.0	74.0	2682	165.2
-33.0	50620	-27.4	21.0	24160	69.8	75.0	2586	167.0
-32.0	473800	-25.6	22.0	23040	71.6	76.0	2496	168.8
-31.0	443600	-23.8	23.0	21960	73.4	77.0	2410	170.6
-30.0	415600	-22.0	24.0	20960	75.2	78.0	2326	172.4
-29.0	389200	-20.2	25.0	20000	77.0	79.0	2246	174.2
-28.0	364800	-18.4	26.0	19090	78.8	80.0	2168	176.0
-27.0	342000	-16.6	27.0	18224	80.6	81.0	2094	177.8
-26.0	320800	-14.8	28.0	17404	82.4	82.0	2022	179.6
-25.0	301000	-13.0	29.0	16624	84.2	83.0	1953.8	181.4
-24.0	282699	-11.2	30.0	15884	86.0	84.0	1887.8	183.2
-23.0	265400	-9.4	31.0	15180	87.8	85.0	1824.4	185.0
-22.0	249400	-7.6	32.0	14512	89.6	86.0	1763.4	186.8
-21.0	234600	-5.8	33.0	13876	91.4	87.0	1704.8	188.6
-20.0	220600	-4.0	34.0	13272	93.2	88.0	1648.2	190.4
-19.0	207600	-2.2	35.0	12696	95.0	89.0	1593.8	192.2
-18.0	195520	-0.4	36.0	12148	96.8	90.0	1541.6	194.0
-17.0	184180	1.4	37.0	11628	98.6	91.0	1491.2	195.8
-16.0	173540	3.2	38.0	11132	100.4	92.0	1442.6	197.6
-15.0	163600	5.0	39.0	10660	102.2	93.0	1395.8	199.4
-14.0	154260	6.8	40.0	10210	104.0	94.0	1350.8	201.2
-13.0	145520	8.6	41.0	9782	105.8	95.0	1307.6	203.0
-12.0	137300	10.4	42.0	9372	107.6	96.0	1265.8	204.8
-11.0	129600	12.2	43.0	8984	109.4	97.0	1225.8	206.6
-10.0	122380	14.0	44.0	8612	111.2	98.0	1187	208.4
-9.0	115600	15.8	45.0	8258	113.0	99.0	1149.8	210.2
-8.0	103220	17.6	46.0	7920	114.8	100.0	1113.8	212.0
-7.0	103220	19.4	47.0	7598	116.6	101.0	1079.2	213.8
-6.0	97600	21.2	48.0	7292	118.4	102.0	1046	215.6
-5.0	92300	23.0	49.0	6998	120.2	103.0	1013.8	217.4
-4.0	87340	24.4	50.0	6718	122.0	104.0	982.8	219.2
-3.0	82660	26.6	51.0	6450	123.8	105.0	952.8	221.0
-2.0	78240	28.4	52.0	6196	125.6	106.0	924	222.8
-1.0	74100	30.2	53.0	5952	127.4	107.0	896	224.6
0.0	70200	32.0	54.0	5718	129.2	108.0	869.2	226.4
1.0	66520	33.8	55.0	5494	131.0	109.0	843.2	228.2
2.0	63060	35.6	56.0	5282	132.8	110.0	818	230.0
3.0	59780	37.4	57.0	5078	134.6	111.0	793.8	231.8
4.0	56720	39.2	58.0	4882	136.4	112.0	770.4	233.6
5.0	53800	41.0	59.0	4696	138.2	113.0	747.6	235.4
6.0	51060	42.8	60.0	4518	140.0	114.0	725.8	237.2
7.0	48480	A44.6	61.0	4348	141.8	115.0	704.6	239.0
8.0	46060	46.4	62.0	4184	143.6	116.0	684.2	240.8
9.0	43740	48.2	63.0	4026	145.4	117.0	664.4	242.6
10.0	41560	50.0	64.0	3876	147.2	118.0	645.4	244.4
11.0	39500	51.8	65.0	3734	149.0	119.0	626.8	246.2
12.0	37560	53.6	66.0	3596	150.8	120.0	609	248.0
13.0	35720	55.4	67.0	3464	152.6			

Sensor tolerance is ±0.2°C within 0 to 70°C