

ANEXA D

Rezistența în funcție de temperatură - din °C în °C - pentru termorezistența de Pt 100 cu $\alpha = 0,00385$ conform ITS-90

°C	Ohm	°C	Ohm	°C	Ohm	°C	Ohm
±0	100.00	36	113.99	72	127.85	109	141.91
+1	100.39	37	114.38	73	128.23	110	142.29
2	100.78	38	114.77	74	128.61	111	142.66
3	101.17	39	115.15	75	128.99	112	143.04
4	101.56	40	115.54	76	129.38	113	143.42
5	101.95	41	115.93	77	129.76	114	143.80
6	102.34	42	116.31	78	130.14	115	144.18
7	102.73	43	116.70	79	130.52	116	144.56
8	103.12	44	117.08	80	130.90	117	144.94
9	103.51	45	117.47	81	131.28	118	145.32
10	103.90	46	117.85	82	131.67	119	145.69
11	104.29	47	118.24	83	132.05	120	146.07
12	104.68	48	118.62	85	132.81	121	146.45
13	105.07	49	119.01	86	133.19	122	146.82
14	105.46	50	119.40	87	133.57	123	147.20
15	105.85	51	119.78	88	133.95	124	147.58
16	106.24	52	120.16	89	134.33	125	147.95
17	106.63	53	120.55	90	134.71	126	148.33
18	107.02	54	120.93	91	135.09	127	148.71
19	107.40	55	121.32	92	135.47	128	149.08
20	107.79	56	121.70	93	135.85	129	149.46
21	108.18	57	122.09	94	136.23	130	149.83
22	108.57	58	122.47	95	136.61	131	150.21
23	108.96	59	122.86	96	136.99	132	150.58
24	109.35	60	123.24	97	137.37	133	150.96
25	109.73	61	123.62	98	137.75	134	151.34
26	110.12	62	124.01	99	138.13	135	151.71
27	110.51	63	124.39	100	138.51	136	152.09
28	110.90	64	124.77	101	138.89	137	152.46
29	111.28	65	125.17	102	139.27	138	152.84
30	111.67	66	125.55	103	139.65	139	153.21
31	112.06	67	125.93	104	140.03	140	153.58
32	112.45	68	126.32	105	140.39	141	153.95
33	112.83	69	126.70	106	140.77	142	154.32
34	113.22	70	127.08	107	141.15	143	154.71
35	113.61	71	127.46	108	141.53	144	155.08

$^{\circ}\text{C}$	Ohm	$^{\circ}\text{C}$	Ohm	$^{\circ}\text{C}$	Ohm	$^{\circ}\text{C}$	Ohm
145	155.46	189	171.80	233	187.93	277	203.82
146	155.83	190	172.17	234	188.29	278	204.18
147	156.21	191	172.54	235	188.65	279	204.54
148	156.58	192	172.91	236	189.02	280	204.90
149	156.96	193	173.27	237	189.38	281	205.25
150	157.33	194	173.64	238	189.74	282	205.61
151	157.71	195	174.01	239	190.11	283	205.97
152	158.08	196	174.39	240	190.47	284	206.33
153	158.45	197	174.75	241	190.83	285	206.70
154	158.83	198	175.12	242	191.20	286	207.05
155	159.20	199	175.49	243	191.56	287	207.41
156	159.56	200	175.86	244	191.92	288	207.77
157	159.94	201	176.23	245	192.28	289	208.13
158	160.31	202	176.59	246	192.66	290	208.48
159	160.68	203	176.96	247	193.02	291	208.84
160	161.05	204	177.33	248	193.38	292	209.20
161	161.43	205	177.70	249	193.74	293	209.55
162	161.80	206	178.06	250	194.10	294	209.91
163	162.17	207	178.43	251	194.47	295	210.27
164	162.54	208	178.80	252	194.83	296	210.62
165	162.91	209	179.16	253	195.19	297	210.98
166	163.28	210	179.53	254	195.55	298	211.34
167	163.66	211	179.90	255	195.90	299	211.69
168	164.03	212	180.26	256	196.26	300	212.05
169	164.40	213	180.63	257	196.62	301	212.40
170	164.77	214	180.99	258	196.98	302	212.76
171	165.14	215	181.36	259	197.35	303	213.12
172	165.51	216	181.73	260	197.71	304	213.47
173	165.88	217	182.09	261	198.07	305	213.83
174	166.25	218	182.46	262	198.43	306	214.19
175	166.62	219	182.82	263	198.79	307	214.55
176	167.00	220	183.19	264	199.15	308	214.90
177	167.37	221	183.55	265	199.51	309	215.26
178	167.74	222	183.92	266	199.87	310	215.61
179	168.11	223	184.28	267	200.23	311	215.97
180	168.48	224	184.65	268	200.59	312	216.32
181	168.85	225	185.01	269	200.95	313	216.68
182	169.22	226	185.38	270	201.31	314	217.03
183	169.59	227	185.74	271	201.67	315	217.39
184	169.96	228	186.11	272	202.03	316	217.73
185	170.33	229	186.47	273	202.38	317	218.08
186	170.69	230	186.84	274	202.74	318	218.44
187	171.06	231	187.20	275	203.10	319	218.79
188	171.43	232	187.56	276	203.46	320	219.15

^o C	Ohm	^o C	Ohm	^o C	Ohm	^o C	Ohm
321	219.50	365	234.95	409	250.18	453	265.20
322	219.85	366	235.30	410	250.53	454	265.54
323	220.21	367	235.65	411	250.89	455	265.87
324	220.56	368	236.00	412	251.21	456	266.21
325	220.91	369	236.35	413	251.55	457	266.55
326	221.27	370	236.70	414	251.90	458	266.89
327	221.62	371	237.05	415	252.24	459	267.22
328	221.97	372	237.40	416	252.59	460	267.56
329	222.32	373	237.75	417	252.94	461	267.90
330	222.68	374	238.09	418	253.28	462	268.24
331	223.03	375	238.44	419	253.62	463	268.57
332	223.38	376	238.79	420	253.96	464	268.91
333	223.73	377	239.14	421	254.30	465	269.25
334	224.09	378	239.48	422	254.65	466	269.58
335	224.45	379	239.83	423	254.99	467	269.92
336	224.80	380	240.18	424	255.33	468	270.26
337	225.15	381	240.52	425	255.67	469	270.59
338	225.50	382	240.87	426	256.01	470	270.93
339	225.85	383	241.22	427	256.35	471	271.27
340	226.21	384	241.56	428	256.70	472	271.60
341	226.56	385	241.91	429	257.04	473	271.94
342	226.91	386	242.25	430	257.38	474	272.27
343	227.26	387	242.60	431	257.72	475	272.61
344	227.61	388	242.95	432	258.06	476	272.95
345	227.96	389	243.29	433	258.40	477	273.28
346	228.31	390	243.64	434	258.74	478	273.62
347	228.66	391	243.98	435	259.08	479	273.95
348	229.01	392	244.33	436	259.42	480	274.29
349	229.36	393	244.67	437	259.76	481	274.62
350	229.72	394	245.02	438	260.10	482	274.96
351	230.07	395	245.36	439	260.44	483	275.29
352	230.42	396	245.71	440	260.78	484	275.63
353	230.77	397	246.05	441	261.12	485	275.96
354	231.12	398	246.40	442	261.46	486	276.31
355	231.47	399	246.74	443	261.80	487	276.64
356	231.81	400	247.09	444	262.14	488	276.97
357	232.16	401	247.43	445	262.48	489	277.31
358	232.51	402	247.78	446	262.83	490	277.64
359	232.86	403	248.12	447	263.17	491	277.98
360	233.21	404	248.46	448	263.50	492	278.31
361	233.56	405	248.81	449	263.84	493	278.64
362	233.91	406	249.15	450	264.18	494	278.98
363	234.26	407	249.50	451	264.52	495	279.31
364	234.60	408	249.84	452	264.86	496	279.64

$^{\circ}\text{C}$	Ohm	$^{\circ}\text{C}$	Ohm	$^{\circ}\text{C}$	Ohm	$^{\circ}\text{C}$	Ohm
497	279.98	523	288.61	549	297.16	575	305.63
498	280.31	524	288.94	550	297.49	576	305.95
499	280.64	525	289.27	551	297.82	577	306.28
500	280.98	526	289.60	552	298.14	578	306.60
501	281.31	527	289.93	553	298.47	579	306.92
502	281.64	528	290.26	554	298.80	580	307.25
503	281.97	529	290.59	555	299.12	581	307.57
504	282.31	530	290.92	556	299.45	582	307.89
505	282.64	531	291.25	557	299.78	583	308.22
506	282.97	532	291.58	558	300.10	584	308.54
507	283.30	533	291.90	559	300.43	585	308.86
508	283.63	534	292.23	560	300.75	586	309.19
509	283.97	535	292.56	561	301.08	587	309.51
510	284.30	536	292.90	562	301.41	588	309.83
511	284.63	537	293.23	563	301.73	589	310.15
512	284.96	538	293.56	564	302.06	590	310.48
513	285.29	539	293.89	565	302.38	591	310.80
514	285.62	540	294.21	566	302.71	592	311.12
515	285.95	541	294.54	567	303.03	593	311.45
516	286.30	542	294.87	568	303.36	594	311.78
517	286.63	543	295.20	569	303.68	595	312.10
518	286.96	544	295.53	570	304.01	596	312.43
519	287.29	545	295.85	571	304.33	597	312.75
520	287.62	546	296.18	572	304.66	598	313.07
521	287.95	547	296.51	573	304.98	599	313.39
522	288.28	548	296.84	574	305.30	600	313.71

NOTĂ: În standardizarea ITS-90 valorile rezistenței pentru termorezistența de **Pt 100** cu $\alpha = 0,00385$ sunt date – din $^{\circ}\text{C}$ în $^{\circ}\text{C}$ – pe intervalul $-200^{\circ}\text{C} \div +850^{\circ}\text{C}$; în cadrul acestei anexe s-a considerat un interval mult restrâns ($0^{\circ}\text{C} \div +600^{\circ}\text{C}$) din considerente de utilizare în aplicațiile dezvoltate.