

Dampfdrucktabelle

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Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-65,0	0,528	0,248	1325,0	1,272	113,30	352,78	0,6407	1,8214
-64,0	0,557	0,264	1322,4	1,348	114,56	353,42	0,6468	1,8187
-63,0	0,587	0,281	1319,7	1,428	115,83	354,06	0,6528	1,8160
-62,0	0,618	0,298	1317,0	1,511	117,09	354,70	0,6588	1,8134
-61,0	0,651	0,317	1314,3	1,599	118,36	355,34	0,6648	1,8108
-60,0	0,686	0,336	1311,6	1,690	119,63	355,98	0,6707	1,8083
-59,0	0,721	0,356	1308,9	1,785	120,90	356,62	0,6767	1,8058
-58,0	0,758	0,378	1306,2	1,885	122,17	357,27	0,6826	1,8034
-57,0	0,797	0,400	1303,4	1,989	123,44	357,91	0,6885	1,8010
-56,0	0,837	0,423	1300,7	2,097	124,72	358,55	0,6943	1,7987
-55,0	0,879	0,448	1298,0	2,211	125,99	359,19	0,7002	1,7964
-54,0	0,923	0,473	1295,2	2,329	127,27	359,83	0,7060	1,7941
-53,0	0,968	0,500	1292,4	2,452	128,55	360,47	0,7118	1,7919
-52,0	1,014	0,528	1289,7	2,580	129,83	361,11	0,7176	1,7898
-51,0	1,063	0,558	1286,9	2,713	131,11	361,75	0,7234	1,7877
-50,0	1,113	0,588	1284,1	2,852	132,40	362,39	0,7291	1,7856
-49,0	1,166	0,620	1281,3	2,997	133,68	363,02	0,7349	1,7836
-48,0	1,220	0,653	1278,5	3,147	134,97	363,66	0,7406	1,7816
-47,0	1,276	0,688	1275,6	3,303	136,26	364,30	0,7463	1,7797
-46,0	1,334	0,724	1272,8	3,465	137,55	364,93	0,7520	1,7778
-45,0	1,394	0,762	1270,0	3,633	138,85	365,57	0,7576	1,7759
-44,0	1,456	0,801	1267,1	3,808	140,15	366,20	0,7633	1,7741
-43,0	1,521	0,842	1264,2	3,990	141,45	366,84	0,7689	1,7723
-42,0	1,587	0,884	1261,4	4,178	142,75	367,47	0,7745	1,7705
-41,0	1,656	0,928	1258,5	4,373	144,05	368,10	0,7801	1,7688
-40,0	1,727	0,974	1255,6	4,575	145,36	368,74	0,7857	1,7671
-39,0	1,800	1,022	1252,7	4,785	146,67	369,37	0,7913	1,7654
-38,0	1,876	1,071	1249,8	5,002	147,98	370,00	0,7969	1,7638
-37,0	1,954	1,122	1246,8	5,227	149,29	370,63	0,8024	1,7622
-36,0	2,035	1,176	1243,9	5,459	150,61	371,25	0,8079	1,7607
-35,0	2,118	1,231	1240,9	5,700	151,92	371,88	0,8135	1,7591
-34,0	2,204	1,288	1238,0	5,949	153,25	372,50	0,8190	1,7576
-33,0	2,292	1,347	1235,0	6,207	154,57	373,13	0,8245	1,7562
-32,0	2,383	1,409	1232,0	6,473	155,90	373,75	0,8299	1,7547
-31,0	2,477	1,473	1229,0	6,748	157,23	374,37	0,8354	1,7533
-30,0	2,574	1,538	1226,0	7,033	158,56	374,99	0,8409	1,7519
-29,0	2,673	1,607	1223,0	7,327	159,89	375,61	0,8463	1,7506
-28,0	2,776	1,677	1219,9	7,630	161,23	376,23	0,8518	1,7493
-27,0	2,881	1,750	1216,9	7,943	162,57	376,85	0,8572	1,7480
-26,0	2,990	1,825	1213,8	8,266	163,91	377,46	0,8626	1,7467
-25,0	3,101	1,903	1210,7	8,600	165,26	378,07	0,8680	1,7454

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	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-24,0	3,216	1,983	1207,7	8,944	166,61	378,68	0,8734	1,7442
-23,0	3,333	2,067	1204,6	9,299	167,96	379,29	0,8788	1,7430
-22,0	3,454	2,152	1201,4	9,664	169,32	379,90	0,8841	1,7418
-21,0	3,579	2,241	1198,3	10,04	170,68	380,51	0,8895	1,7407
-20,0	3,706	2,332	1195,2	10,43	172,04	381,11	0,8948	1,7395
-19,0	3,837	2,426	1192,0	10,83	173,40	381,72	0,9002	1,7384
-18,0	3,972	2,523	1188,8	11,24	174,77	382,32	0,9055	1,7373
-17,0	4,110	2,623	1185,6	11,67	176,14	382,91	0,9108	1,7362
-16,0	4,251	2,726	1182,4	12,11	177,52	383,51	0,9161	1,7352
-15,0	4,397	2,833	1179,2	12,56	178,90	384,10	0,9214	1,7341
-14,0	4,546	2,942	1176,0	13,02	180,28	384,70	0,9267	1,7331
-13,0	4,698	3,054	1172,7	13,50	181,66	385,29	0,9320	1,7321
-12,0	4,855	3,170	1169,4	13,99	183,05	385,87	0,9373	1,7311
-11,0	5,015	3,290	1166,2	14,49	184,44	386,46	0,9425	1,7302
-10,0	5,179	3,412	1162,9	15,01	185,84	387,04	0,9478	1,7292
-9,0	5,347	3,538	1159,5	15,55	187,24	387,62	0,9531	1,7283
-8,0	5,519	3,668	1156,2	16,10	188,64	388,20	0,9583	1,7274
-7,0	5,696	3,802	1152,8	16,66	190,05	388,77	0,9635	1,7265
-6,0	5,876	3,939	1149,5	17,24	191,46	389,35	0,9688	1,7256
-5,0	6,061	4,079	1146,1	17,84	192,87	389,92	0,9740	1,7247
-4,0	6,250	4,224	1142,7	18,45	194,29	390,48	0,9792	1,7239
-3,0	6,443	4,373	1139,2	19,09	195,71	391,05	0,9844	1,7230
-2,0	6,641	4,525	1135,8	19,73	197,14	391,61	0,9896	1,7222
-1,0	6,843	4,682	1132,3	20,40	198,57	392,16	0,9948	1,7214
0,0	7,049	4,842	1128,8	21,08	200,00	392,72	1,0000	1,7205
1,0	7,260	5,007	1125,3	21,79	201,44	393,27	1,0052	1,7197
2,0	7,476	5,177	1121,8	22,51	202,88	393,81	1,0104	1,7190
3,0	7,696	5,350	1118,2	23,25	204,33	394,36	1,0155	1,7182
4,0	7,922	5,528	1114,6	24,01	205,78	394,90	1,0207	1,7174
5,0	8,151	5,710	1111,0	24,79	207,23	395,44	1,0259	1,7166
6,0	8,386	5,897	1107,4	25,59	208,69	395,97	1,0310	1,7159
7,0	8,626	6,089	1103,7	26,42	210,15	396,50	1,0362	1,7152
8,0	8,871	6,285	1100,1	27,26	211,62	397,02	1,0413	1,7144
9,0	9,120	6,486	1096,4	28,13	213,09	397,54	1,0465	1,7137
10,0	9,375	6,692	1092,6	29,02	214,57	398,06	1,0516	1,7130
11,0	9,635	6,903	1088,9	29,93	216,05	398,57	1,0568	1,7122
12,0	9,900	7,119	1085,1	30,87	217,54	399,08	1,0619	1,7115
13,0	10,17	7,340	1081,3	31,83	219,03	399,58	1,0670	1,7108
14,0	10,45	7,566	1077,5	32,82	220,52	400,08	1,0722	1,7101
15,0	10,73	7,798	1073,6	33,84	222,02	400,57	1,0773	1,7094

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	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
16,0	11,01	8,035	1069,7	34,88	223,53	401,06	1,0824	1,7087
17,0	11,31	8,277	1065,8	35,94	225,04	401,54	1,0875	1,7080
18,0	11,60	8,525	1061,9	37,04	226,55	402,02	1,0926	1,7073
19,0	11,91	8,778	1057,9	38,17	228,08	402,49	1,0978	1,7066
20,0	12,22	9,037	1053,9	39,32	229,60	402,96	1,1029	1,7059
21,0	12,53	9,303	1049,9	40,50	231,13	403,42	1,1080	1,7053
22,0	12,85	9,573	1045,8	41,72	232,67	403,87	1,1131	1,7046
23,0	13,18	9,850	1041,7	42,97	234,21	404,32	1,1182	1,7039
24,0	13,51	10,13	1037,5	44,25	235,76	404,77	1,1233	1,7032
25,0	13,85	10,42	1033,4	45,56	237,32	405,20	1,1284	1,7025
26,0	14,19	10,72	1029,1	46,91	238,88	405,63	1,1336	1,7018
27,0	14,54	11,02	1024,9	48,30	240,45	406,06	1,1387	1,7011
28,0	14,90	11,33	1020,6	49,72	242,02	406,47	1,1438	1,7004
29,0	15,26	11,64	1016,3	51,18	243,60	406,88	1,1489	1,6996
30,0	15,63	11,96	1011,9	52,68	245,18	407,28	1,1540	1,6989
31,0	16,01	12,29	1007,5	54,22	246,78	407,68	1,1592	1,6982
32,0	16,39	12,63	1003,0	55,80	248,38	408,06	1,1643	1,6975
33,0	16,78	12,97	998,52	57,42	249,98	408,44	1,1694	1,6967
34,0	17,18	13,32	993,97	59,09	251,60	408,81	1,1745	1,6960
35,0	17,58	13,68	989,37	60,80	253,22	409,17	1,1797	1,6952
36,0	17,99	14,04	984,72	62,56	254,85	409,52	1,1848	1,6944
37,0	18,40	14,41	980,02	64,37	256,48	409,86	1,1900	1,6937
38,0	18,82	14,79	975,26	66,23	258,13	410,20	1,1951	1,6929
39,0	19,25	15,17	970,45	68,14	259,78	410,52	1,2003	1,6921
40,0	19,69	15,57	965,57	70,11	261,44	410,83	1,2055	1,6912
41,0	20,13	15,97	960,64	72,13	263,12	411,13	1,2106	1,6904
42,0	20,58	16,38	955,64	74,21	264,80	411,43	1,2158	1,6895
43,0	21,04	16,80	950,58	76,35	266,49	411,71	1,2210	1,6887
44,0	21,50	17,23	945,44	78,55	268,19	411,97	1,2263	1,6878
45,0	21,97	17,66	940,24	80,82	269,89	412,23	1,2315	1,6869
46,0	22,45	18,10	934,96	83,16	271,61	412,47	1,2367	1,6859
47,0	22,93	18,56	929,59	85,57	273,35	412,70	1,2420	1,6850
48,0	23,43	19,02	924,15	88,05	275,09	412,92	1,2472	1,6840
49,0	23,93	19,49	918,62	90,60	276,84	413,12	1,2525	1,6830
50,0	24,43	19,97	913,00	93,24	278,61	413,31	1,2578	1,6819
51,0	24,95	20,46	907,28	95,96	280,39	413,48	1,2631	1,6809
52,0	25,47	20,95	901,47	98,77	282,18	413,63	1,2685	1,6798
53,0	26,00	21,46	895,55	101,7	283,99	413,77	1,2739	1,6786
54,0	26,54	21,98	889,52	104,7	285,81	413,89	1,2792	1,6775
55,0	27,09	22,51	883,37	107,8	287,64	413,99	1,2847	1,6763

Dampfdrucktabelle

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Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
56,0	27,64	23,04	877,10	111,0	289,49	414,07	1,2901	1,6750
57,0	28,20	23,59	870,71	114,3	291,36	414,13	1,2956	1,6737
58,0	28,77	24,15	864,17	117,7	293,25	414,16	1,3011	1,6724
59,0	29,34	24,72	857,49	121,3	295,15	414,18	1,3066	1,6710
60,0	29,93	25,30	850,66	125,0	297,07	414,17	1,3122	1,6695
61,0	30,52	25,90	843,67	128,9	299,02	414,13	1,3178	1,6680
62,0	31,12	26,50	836,51	132,9	300,98	414,07	1,3235	1,6664
63,0	31,73	27,12	829,16	137,0	302,97	413,97	1,3292	1,6648
64,0	32,34	27,75	821,61	141,4	304,98	413,85	1,3349	1,6631
65,0	32,97	28,39	813,86	145,9	307,02	413,69	1,3407	1,6613
66,0	33,60	29,04	805,87	150,6	309,09	413,49	1,3466	1,6594
67,0	34,24	29,71	797,64	155,6	311,19	413,25	1,3526	1,6574
68,0	34,89	30,39	789,14	160,7	313,33	412,98	1,3586	1,6553
69,0	35,54	31,08	780,35	166,2	315,50	412,65	1,3647	1,6531
70,0	36,20	31,79	771,24	171,9	317,71	412,28	1,3709	1,6508
71,0	36,87	32,52	761,78	178,0	319,96	411,85	1,3772	1,6484
72,0	37,55	33,26	751,92	184,4	322,27	411,36	1,3836	1,6458
73,0	38,24	34,02	741,62	191,2	324,63	410,80	1,3902	1,6430
74,0	38,93	34,79	730,82	198,4	327,05	410,16	1,3969	1,6400
75,0	39,62	35,59	719,45	206,2	329,55	409,43	1,4038	1,6368
76,0	40,33	36,40	707,43	214,5	332,13	408,61	1,4110	1,6333
77,0	41,04	37,23	694,63	223,6	334,81	407,67	1,4183	1,6295
78,0	41,75	38,09	680,90	233,4	337,61	406,59	1,4260	1,6254
79,0	42,46	38,97	666,05	244,3	340,55	405,34	1,4341	1,6208
80,0	43,18	39,88	649,78	256,4	343,67	403,89	1,4426	1,6156
81,0	43,89	40,82	631,68	270,2	347,03	402,17	1,4518	1,6097
82,0	44,60	41,80	611,09	286,1	350,73	400,10	1,4619	1,6029
83,0	45,28	42,84	586,82	305,4	354,91	397,50	1,4733	1,5946
84,0	45,93	43,94	556,45	330,1	359,93	394,04	1,4871	1,5840
85,0	46,48	45,18	512,49	367,2	366,87	388,69	1,5062	1,5680

Berechnet mit Refprop Version 10.0

Eine Garantie, Gewährleistung oder Haftung für die Richtigkeit, Vollständigkeit und Aktualität der zur Verfügung gestellten Inhalte und Informationen kann nicht übernommen werden.

Überarbeitet 02.01.2020

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USt-IdNr.: DE 811145437

Deutsche Bank Würzburg

IBAN: DE707907001600202804 00
BIC: DEUTDEMM790

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