

Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-40,0	0,452	0,439	1375,4	2,517	148,47	362,10	0,7968	1,7143
-39,0	0,477	0,462	1372,7	2,644	149,73	362,78	0,8022	1,7133
-38,0	0,502	0,487	1369,9	2,776	150,98	363,46	0,8075	1,7123
-37,0	0,528	0,513	1367,2	2,914	152,24	364,14	0,8129	1,7113
-36,0	0,556	0,539	1364,4	3,056	153,50	364,82	0,8182	1,7104
-35,0	0,585	0,567	1361,7	3,204	154,76	365,50	0,8235	1,7095
-34,0	0,614	0,596	1358,9	3,358	156,02	366,18	0,8287	1,7086
-33,0	0,645	0,627	1356,1	3,517	157,28	366,86	0,8340	1,7078
-32,0	0,678	0,658	1353,3	3,682	158,54	367,54	0,8392	1,7070
-31,0	0,711	0,691	1350,5	3,854	159,81	368,21	0,8445	1,7062
-30,0	0,746	0,725	1347,7	4,031	161,08	368,89	0,8497	1,7054
-29,0	0,782	0,760	1344,9	4,216	162,35	369,57	0,8549	1,7047
-28,0	0,820	0,797	1342,1	4,406	163,62	370,24	0,8601	1,7040
-27,0	0,859	0,835	1339,3	4,604	164,89	370,92	0,8652	1,7033
-26,0	0,899	0,874	1336,5	4,808	166,16	371,59	0,8704	1,7026
-25,0	0,941	0,915	1333,6	5,019	167,44	372,27	0,8755	1,7020
-24,0	0,985	0,958	1330,8	5,238	168,72	372,94	0,8806	1,7014
-23,0	1,030	1,002	1327,9	5,464	170,00	373,61	0,8858	1,7008
-22,0	1,076	1,048	1325,1	5,698	171,28	374,29	0,8909	1,7002
-21,0	1,125	1,095	1322,2	5,940	172,56	374,96	0,8959	1,6996
-20,0	1,175	1,144	1319,3	6,189	173,85	375,63	0,9010	1,6991
-19,0	1,226	1,194	1316,4	6,447	175,14	376,30	0,9061	1,6986
-18,0	1,280	1,246	1313,5	6,713	176,43	376,96	0,9111	1,6981
-17,0	1,335	1,301	1310,6	6,988	177,72	377,63	0,9162	1,6976
-16,0	1,392	1,356	1307,7	7,272	179,01	378,30	0,9212	1,6971
-15,0	1,451	1,414	1304,8	7,564	180,31	378,96	0,9262	1,6967
-14,0	1,512	1,474	1301,9	7,866	181,60	379,63	0,9312	1,6963
-13,0	1,575	1,536	1298,9	8,177	182,90	380,29	0,9362	1,6959
-12,0	1,640	1,599	1296,0	8,498	184,21	380,95	0,9412	1,6955
-11,0	1,707	1,665	1293,0	8,829	185,51	381,61	0,9461	1,6951
-10,0	1,776	1,733	1290,0	9,170	186,82	382,27	0,9511	1,6947
-9,0	1,848	1,802	1287,0	9,521	188,12	382,92	0,9560	1,6944
-8,0	1,921	1,875	1284,0	9,883	189,43	383,58	0,9609	1,6941
-7,0	1,997	1,949	1281,0	10,26	190,75	384,23	0,9659	1,6937
-6,0	2,075	2,025	1278,0	10,64	192,06	384,89	0,9708	1,6934
-5,0	2,155	2,104	1275,0	11,03	193,38	385,54	0,9757	1,6932
-4,0	2,238	2,185	1271,9	11,44	194,70	386,19	0,9806	1,6929
-3,0	2,323	2,269	1268,9	11,86	196,02	386,83	0,9854	1,6926
-2,0	2,411	2,355	1265,8	12,29	197,34	387,48	0,9903	1,6924
-1,0	2,501	2,443	1262,7	12,73	198,67	388,12	0,9952	1,6921
0,0	2,594	2,535	1259,6	13,18	200,00	388,77	1,0000	1,6919

Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
1,0	2,689	2,628	1256,5	13,65	201,33	389,41	1,0048	1,6917
2,0	2,787	2,725	1253,4	14,13	202,67	390,05	1,0097	1,6915
3,0	2,888	2,824	1250,3	14,63	204,00	390,68	1,0145	1,6913
4,0	2,992	2,925	1247,1	15,13	205,34	391,32	1,0193	1,6911
5,0	3,098	3,030	1244,0	15,66	206,68	391,95	1,0241	1,6910
6,0	3,208	3,137	1240,8	16,19	208,03	392,58	1,0289	1,6908
7,0	3,320	3,248	1237,6	16,74	209,37	393,21	1,0337	1,6907
8,0	3,435	3,361	1234,4	17,31	210,72	393,84	1,0385	1,6905
9,0	3,553	3,477	1231,2	17,89	212,08	394,46	1,0432	1,6904
10,0	3,675	3,596	1227,9	18,49	213,43	395,08	1,0480	1,6903
11,0	3,799	3,719	1224,7	19,10	214,79	395,70	1,0527	1,6902
12,0	3,927	3,844	1221,4	19,73	216,15	396,32	1,0575	1,6901
13,0	4,058	3,973	1218,1	20,37	217,52	396,93	1,0622	1,6900
14,0	4,192	4,105	1214,8	21,03	218,88	397,54	1,0669	1,6899
15,0	4,329	4,240	1211,5	21,71	220,25	398,15	1,0717	1,6898
16,0	4,470	4,379	1208,2	22,41	221,63	398,76	1,0764	1,6897
17,0	4,615	4,521	1204,8	23,12	223,00	399,36	1,0811	1,6896
18,0	4,762	4,667	1201,5	23,86	224,38	399,96	1,0858	1,6896
19,0	4,914	4,816	1198,1	24,61	225,76	400,56	1,0905	1,6895
20,0	5,069	4,968	1194,7	25,38	227,15	401,15	1,0952	1,6894
21,0	5,228	5,125	1191,2	26,17	228,54	401,74	1,0999	1,6894
22,0	5,390	5,285	1187,8	26,99	229,93	402,33	1,1046	1,6893
23,0	5,556	5,449	1184,3	27,82	231,33	402,92	1,1092	1,6893
24,0	5,726	5,616	1180,8	28,67	232,73	403,50	1,1139	1,6893
25,0	5,900	5,788	1177,3	29,55	234,13	404,08	1,1186	1,6892
26,0	6,078	5,963	1173,8	30,45	235,54	404,65	1,1232	1,6892
27,0	6,260	6,143	1170,2	31,37	236,95	405,22	1,1279	1,6892
28,0	6,446	6,326	1166,6	32,31	238,36	405,79	1,1325	1,6891
29,0	6,636	6,514	1163,0	33,28	239,78	406,35	1,1372	1,6891
30,0	6,831	6,705	1159,4	34,27	241,20	406,91	1,1418	1,6891
31,0	7,029	6,901	1155,7	35,28	242,62	407,47	1,1464	1,6890
32,0	7,232	7,102	1152,1	36,33	244,05	408,02	1,1511	1,6890
33,0	7,439	7,306	1148,4	37,40	245,49	408,57	1,1557	1,6890
34,0	7,651	7,515	1144,6	38,49	246,92	409,11	1,1603	1,6890
35,0	7,867	7,729	1140,9	39,61	248,36	409,65	1,1650	1,6889
36,0	8,088	7,947	1137,1	40,76	249,81	410,19	1,1696	1,6889
37,0	8,313	8,169	1133,3	41,94	251,26	410,72	1,1742	1,6889
38,0	8,543	8,397	1129,4	43,15	252,71	411,24	1,1788	1,6889
39,0	8,778	8,629	1125,5	44,39	254,17	411,76	1,1834	1,6888
40,0	9,017	8,865	1121,6	45,66	255,64	412,28	1,1880	1,6888

Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
41,0	9,262	9,107	1117,7	46,96	257,11	412,79	1,1927	1,6888
42,0	9,511	9,354	1113,7	48,30	258,58	413,29	1,1973	1,6887
43,0	9,765	9,605	1109,7	49,67	260,06	413,79	1,2019	1,6887
44,0	10,03	9,862	1105,7	51,07	261,54	414,28	1,2065	1,6886
45,0	10,29	10,12	1101,6	52,51	263,03	414,77	1,2111	1,6886
46,0	10,56	10,39	1097,5	53,99	264,52	415,25	1,2157	1,6885
47,0	10,83	10,66	1093,3	55,50	266,02	415,73	1,2203	1,6884
48,0	11,11	10,94	1089,1	57,06	267,52	416,20	1,2249	1,6884
49,0	11,40	11,22	1084,9	58,65	269,03	416,66	1,2295	1,6883
50,0	11,69	11,51	1080,6	60,28	270,55	417,12	1,2341	1,6882
51,0	11,99	11,81	1076,3	61,96	272,07	417,57	1,2388	1,6881
52,0	12,29	12,11	1071,9	63,68	273,59	418,01	1,2434	1,6880
53,0	12,60	12,41	1067,5	65,45	275,13	418,44	1,2480	1,6879
54,0	12,91	12,72	1063,1	67,26	276,67	418,87	1,2526	1,6878
55,0	13,23	13,04	1058,6	69,12	278,21	419,29	1,2572	1,6876
56,0	13,56	13,36	1054,0	71,03	279,76	419,70	1,2619	1,6875
57,0	13,89	13,69	1049,4	72,99	281,32	420,11	1,2665	1,6873
58,0	14,23	14,02	1044,7	75,00	282,89	420,50	1,2711	1,6871
59,0	14,57	14,37	1040,0	77,07	284,46	420,89	1,2758	1,6869
60,0	14,92	14,71	1035,2	79,20	286,04	421,26	1,2804	1,6867
61,0	15,27	15,07	1030,4	81,39	287,63	421,63	1,2851	1,6865
62,0	15,64	15,43	1025,5	83,63	289,22	421,98	1,2897	1,6863
63,0	16,01	15,79	1020,5	85,94	290,82	422,33	1,2944	1,6860
64,0	16,38	16,16	1015,5	88,32	292,43	422,67	1,2991	1,6857
65,0	16,76	16,54	1010,4	90,77	294,05	422,99	1,3038	1,6855
66,0	17,15	16,93	1005,2	93,29	295,68	423,30	1,3085	1,6851
67,0	17,55	17,32	999,99	95,88	297,32	423,60	1,3132	1,6848
68,0	17,95	17,72	994,67	98,55	298,97	423,89	1,3179	1,6844
69,0	18,36	18,13	989,25	101,3	300,62	424,17	1,3226	1,6840
70,0	18,77	18,54	983,76	104,1	302,29	424,43	1,3274	1,6836
71,0	19,20	18,96	978,17	107,1	303,97	424,67	1,3321	1,6832
72,0	19,63	19,39	972,48	110,1	305,66	424,91	1,3369	1,6827
73,0	20,06	19,83	966,70	113,2	307,36	425,12	1,3417	1,6822
74,0	20,51	20,27	960,81	116,4	309,07	425,32	1,3465	1,6817
75,0	20,96	20,72	954,80	119,8	310,79	425,50	1,3513	1,6811
76,0	21,42	21,18	948,69	123,2	312,53	425,67	1,3561	1,6805
77,0	21,89	21,65	942,44	126,8	314,28	425,81	1,3610	1,6798
78,0	22,36	22,12	936,07	130,5	316,05	425,94	1,3659	1,6791
79,0	22,85	22,60	929,55	134,3	317,83	426,04	1,3708	1,6784
80,0	23,34	23,09	922,89	138,3	319,63	426,12	1,3758	1,6776

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
81,0	23,84	23,59	916,07	142,4	321,45	426,17	1,3808	1,6767
82,0	24,34	24,10	909,08	146,7	323,28	426,20	1,3858	1,6758
83,0	24,86	24,62	901,91	151,2	325,13	426,20	1,3908	1,6749
84,0	25,38	25,14	894,54	155,8	327,01	426,17	1,3959	1,6738
85,0	25,92	25,67	886,96	160,7	328,90	426,11	1,4010	1,6727
86,0	26,46	26,22	879,16	165,8	330,82	426,01	1,4062	1,6715
87,0	27,01	26,77	871,10	171,1	332,77	425,88	1,4115	1,6702
88,0	27,57	27,33	862,77	176,7	334,74	425,70	1,4168	1,6688
89,0	28,14	27,90	854,14	182,6	336,75	425,48	1,4221	1,6674
90,0	28,72	28,48	845,18	188,8	338,79	425,21	1,4276	1,6658
91,0	29,30	29,07	835,84	195,4	340,87	424,89	1,4331	1,6640
92,0	29,90	29,67	826,10	202,4	342,99	424,50	1,4387	1,6621
93,0	30,51	30,28	815,88	209,8	345,16	424,04	1,4444	1,6601
94,0	31,13	30,90	805,13	217,7	347,38	423,51	1,4503	1,6578
95,0	31,75	31,53	793,75	226,3	349,66	422,88	1,4563	1,6553
96,0	32,39	32,18	781,64	235,5	352,02	422,15	1,4625	1,6526
97,0	33,04	32,83	768,65	245,6	354,46	421,29	1,4688	1,6495
98,0	33,70	33,50	754,59	256,7	357,02	420,27	1,4755	1,6461
99,0	34,37	34,18	739,16	269,2	359,70	419,07	1,4825	1,6421
100,0	35,05	34,87	721,93	283,3	362,57	417,61	1,4899	1,6375
101,0	35,75	35,58	702,18	299,8	365,69	415,80	1,4980	1,6320
102,0	36,46	36,30	678,52	320,0	369,19	413,47	1,5071	1,6252
103,0	37,18	37,05	647,70	346,8	373,41	410,19	1,5180	1,6159
104,0	37,90	37,82	596,38	391,9	379,72	404,38	1,5345	1,5999

Berechnet mit Refprop Version 10.0

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