

temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
-40,0	0,472	1043,8	1,651	134,40	478,02	0,7414	2,2152
-39,0	0,497	1041,8	1,732	135,99	478,77	0,7482	2,2121
-38,0	0,523	1039,8	1,816	137,58	479,53	0,7550	2,2091
-37,0	0,550	1037,8	1,904	139,17	480,29	0,7617	2,2062
-36,0	0,578	1035,8	1,995	140,77	481,04	0,7685	2,2033
-35,0	0,607	1033,7	2,089	142,37	481,79	0,7752	2,2004
-34,0	0,638	1031,7	2,187	143,97	482,55	0,7819	2,1976
-33,0	0,669	1029,7	2,288	145,57	483,30	0,7885	2,1949
-32,0	0,702	1027,6	2,393	147,18	484,05	0,7952	2,1921
-31,0	0,736	1025,6	2,502	148,78	484,80	0,8018	2,1895
-30,0	0,772	1023,5	2,615	150,39	485,55	0,8085	2,1868
-29,0	0,809	1021,5	2,732	152,01	486,29	0,8151	2,1842
-28,0	0,847	1019,4	2,853	153,62	487,04	0,8216	2,1817
-27,0	0,886	1017,4	2,978	155,24	487,78	0,8282	2,1792
-26,0	0,928	1015,3	3,107	156,86	488,52	0,8348	2,1767
-25,0	0,970	1013,2	3,241	158,48	489,26	0,8413	2,1743
-24,0	1,014	1011,1	3,379	160,11	490,00	0,8478	2,1719
-23,0	1,060	1009,0	3,522	161,74	490,74	0,8543	2,1695
-22,0	1,107	1006,9	3,669	163,37	491,47	0,8608	2,1672
-21,0	1,156	1004,8	3,822	165,00	492,21	0,8673	2,1649
-20,0	1,207	1002,7	3,979	166,64	492,94	0,8737	2,1627
-19,0	1,259	1000,6	4,142	168,28	493,67	0,8802	2,1605
-18,0	1,313	998,49	4,309	169,92	494,40	0,8866	2,1583
-17,0	1,369	996,36	4,482	171,56	495,12	0,8930	2,1562
-16,0	1,427	994,23	4,660	173,21	495,85	0,8994	2,1541
-15,0	1,487	992,09	4,844	174,86	496,57	0,9058	2,1520
-14,0	1,548	989,94	5,034	176,52	497,29	0,9122	2,1500
-13,0	1,612	987,79	5,229	178,17	498,01	0,9185	2,1479
-12,0	1,678	985,63	5,431	179,83	498,72	0,9249	2,1460
-11,0	1,745	983,46	5,638	181,50	499,43	0,9312	2,1440
-10,0	1,815	981,28	5,852	183,16	500,15	0,9375	2,1421
-9,0	1,887	979,10	6,071	184,83	500,85	0,9438	2,1402
-8,0	1,961	976,91	6,298	186,50	501,56	0,9501	2,1383
-7,0	2,038	974,72	6,531	188,18	502,26	0,9564	2,1365
-6,0	2,117	972,51	6,770	189,86	502,96	0,9627	2,1347
-5,0	2,198	970,30	7,017	191,54	503,66	0,9689	2,1329
-4,0	2,281	968,08	7,271	193,22	504,36	0,9752	2,1311
-3,0	2,367	965,85	7,532	194,91	505,05	0,9814	2,1294
-2,0	2,456	963,61	7,800	196,61	505,74	0,9876	2,1277
-1,0	2,546	961,37	8,076	198,30	506,43	0,9938	2,1260
0,0	2,640	959,11	8,359	200,00	507,11	1,0000	2,1243

temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
1,0	2,736	956,85	8,650	201,70	507,79	1,0062	2,1227
2,0	2,835	954,58	8,949	203,41	508,47	1,0124	2,1211
3,0	2,936	952,30	9,257	205,12	509,15	1,0185	2,1195
4,0	3,041	950,01	9,572	206,83	509,82	1,0247	2,1179
5,0	3,148	947,71	9,896	208,55	510,49	1,0308	2,1164
6,0	3,258	945,40	10,23	210,27	511,16	1,0370	2,1148
7,0	3,371	943,08	10,57	211,99	511,82	1,0431	2,1133
8,0	3,487	940,76	10,92	213,72	512,48	1,0492	2,1118
9,0	3,606	938,42	11,28	215,45	513,13	1,0553	2,1103
10,0	3,728	936,07	11,65	217,19	513,78	1,0614	2,1089
11,0	3,853	933,71	12,03	218,93	514,43	1,0675	2,1074
12,0	3,981	931,34	12,42	220,67	515,08	1,0736	2,1060
13,0	4,113	928,96	12,82	222,42	515,72	1,0796	2,1046
14,0	4,248	926,57	13,23	224,17	516,36	1,0857	2,1032
15,0	4,386	924,17	13,65	225,93	516,99	1,0917	2,1018
16,0	4,527	921,75	14,08	227,69	517,62	1,0978	2,1005
17,0	4,673	919,32	14,52	229,45	518,24	1,1038	2,0991
18,0	4,821	916,89	14,97	231,22	518,86	1,1098	2,0978
19,0	4,973	914,44	15,43	232,99	519,48	1,1159	2,0965
20,0	5,129	911,97	15,91	234,77	520,09	1,1219	2,0952
21,0	5,289	909,50	16,40	236,55	520,70	1,1279	2,0939
22,0	5,452	907,01	16,90	238,34	521,30	1,1339	2,0926
23,0	5,619	904,51	17,41	240,13	521,90	1,1399	2,0913
24,0	5,789	901,99	17,93	241,93	522,50	1,1459	2,0901
25,0	5,964	899,47	18,47	243,73	523,09	1,1519	2,0888
26,0	6,143	896,92	19,02	245,53	523,67	1,1578	2,0876
27,0	6,325	894,37	19,58	247,34	524,25	1,1638	2,0864
28,0	6,512	891,79	20,16	249,16	524,83	1,1698	2,0852
29,0	6,703	889,21	20,75	250,98	525,40	1,1757	2,0840
30,0	6,898	886,61	21,36	252,80	525,96	1,1817	2,0828
31,0	7,098	883,99	21,98	254,63	526,52	1,1877	2,0816
32,0	7,301	881,36	22,61	256,47	527,07	1,1936	2,0804
33,0	7,509	878,71	23,26	258,31	527,62	1,1996	2,0792
34,0	7,722	876,04	23,93	260,16	528,16	1,2055	2,0780
35,0	7,939	873,36	24,61	262,01	528,70	1,2114	2,0769
36,0	8,160	870,66	25,31	263,86	529,23	1,2174	2,0757
37,0	8,386	867,94	26,03	265,73	529,75	1,2233	2,0746
38,0	8,617	865,20	26,76	267,60	530,27	1,2292	2,0734
39,0	8,852	862,45	27,51	269,47	530,78	1,2351	2,0723
40,0	9,093	859,67	28,28	271,35	531,28	1,2411	2,0711

temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
41,0	9,338	856,88	29,07	273,24	531,78	1,2470	2,0700
42,0	9,588	854,07	29,87	275,13	532,27	1,2529	2,0689
43,0	9,843	851,23	30,70	277,03	532,76	1,2588	2,0677
44,0	10,10	848,38	31,54	278,93	533,23	1,2648	2,0666
45,0	10,37	845,50	32,41	280,84	533,70	1,2707	2,0655
46,0	10,64	842,60	33,29	282,76	534,16	1,2766	2,0643
47,0	10,92	839,68	34,20	284,68	534,62	1,2825	2,0632
48,0	11,20	836,74	35,13	286,62	535,06	1,2884	2,0620
49,0	11,48	833,77	36,08	288,55	535,50	1,2943	2,0609
50,0	11,77	830,78	37,06	290,50	535,93	1,3003	2,0598
51,0	12,07	827,76	38,06	292,45	536,35	1,3062	2,0586
52,0	12,37	824,72	39,08	294,41	536,77	1,3121	2,0575
53,0	12,68	821,65	40,13	296,38	537,17	1,3180	2,0563
54,0	13,00	818,56	41,20	298,35	537,56	1,3240	2,0552
55,0	13,32	815,43	42,30	300,34	537,95	1,3299	2,0540
56,0	13,64	812,28	43,43	302,33	538,32	1,3358	2,0528
57,0	13,98	809,10	44,58	304,33	538,69	1,3418	2,0516
58,0	14,31	805,89	45,77	306,34	539,04	1,3477	2,0505
59,0	14,66	802,65	46,98	308,35	539,39	1,3537	2,0493
60,0	15,01	799,37	48,22	310,38	539,72	1,3596	2,0480
61,0	15,36	796,06	49,50	312,41	540,04	1,3656	2,0468
62,0	15,73	792,72	50,81	314,45	540,35	1,3716	2,0456
63,0	16,10	789,34	52,15	316,51	540,65	1,3775	2,0443
64,0	16,47	785,93	53,52	318,57	540,94	1,3835	2,0431
65,0	16,85	782,48	54,93	320,64	541,21	1,3895	2,0418
66,0	17,24	778,99	56,38	322,72	541,47	1,3955	2,0405
67,0	17,64	775,46	57,87	324,82	541,72	1,4015	2,0392
68,0	18,04	771,89	59,39	326,92	541,95	1,4076	2,0379
69,0	18,45	768,27	60,96	329,04	542,17	1,4136	2,0365
70,0	18,86	764,61	62,57	331,16	542,37	1,4196	2,0351
71,0	19,29	760,91	64,22	333,30	542,56	1,4257	2,0337
72,0	19,72	757,15	65,92	335,45	542,73	1,4318	2,0323
73,0	20,15	753,35	67,67	337,61	542,88	1,4379	2,0309
74,0	20,60	749,50	69,46	339,79	543,02	1,4440	2,0294
75,0	21,05	745,59	71,31	341,98	543,14	1,4501	2,0279
76,0	21,51	741,62	73,21	344,18	543,24	1,4562	2,0264
77,0	21,98	737,60	75,17	346,40	543,32	1,4624	2,0248
78,0	22,45	733,52	77,19	348,63	543,38	1,4686	2,0232
79,0	22,93	729,37	79,26	350,88	543,42	1,4748	2,0215
80,0	23,42	725,15	81,40	353,15	543,43	1,4810	2,0198

temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
81,0	23,92	720,87	83,61	355,43	543,42	1,4873	2,0181
82,0	24,43	716,51	85,89	357,73	543,39	1,4936	2,0163
83,0	24,94	712,08	88,24	360,05	543,33	1,4999	2,0145
84,0	25,47	707,56	90,67	362,38	543,25	1,5062	2,0126
85,0	26,00	702,96	93,19	364,74	543,13	1,5126	2,0107
86,0	26,54	698,26	95,79	367,12	542,99	1,5190	2,0087
87,0	27,08	693,48	98,48	369,52	542,81	1,5255	2,0066
88,0	27,64	688,59	101,3	371,94	542,60	1,5320	2,0045
89,0	28,21	683,59	104,2	374,39	542,35	1,5385	2,0023
90,0	28,78	678,47	107,2	376,87	542,06	1,5451	2,0000
91,0	29,36	673,24	110,3	379,37	541,74	1,5518	1,9976
92,0	29,96	667,87	113,6	381,90	541,36	1,5585	1,9952
93,0	30,56	662,35	116,9	384,47	540,94	1,5652	1,9926
94,0	31,17	656,69	120,5	387,07	540,47	1,5721	1,9899
95,0	31,79	650,85	124,2	389,71	539,95	1,5790	1,9871
96,0	32,42	644,83	128,1	392,39	539,36	1,5860	1,9841
97,0	33,06	638,62	132,2	395,11	538,71	1,5931	1,9810
98,0	33,72	632,18	136,4	397,88	537,98	1,6003	1,9778
99,0	34,38	625,50	141,0	400,71	537,18	1,6076	1,9743
100,0	35,05	618,54	145,8	403,59	536,28	1,6151	1,9707
101,0	35,73	611,27	150,8	406,55	535,29	1,6227	1,9668
102,0	36,43	603,65	156,3	409,57	534,18	1,6304	1,9626
103,0	37,13	595,63	162,1	412,69	532,93	1,6384	1,9581
104,0	37,85	587,13	168,4	415,91	531,54	1,6466	1,9532
105,0	38,58	578,06	175,2	419,25	529,97	1,6552	1,9479
106,0	39,33	568,31	182,7	422,73	528,17	1,6640	1,9421
107,0	40,08	557,71	191,1	426,40	526,11	1,6733	1,9356
108,0	40,85	546,00	200,5	430,31	523,71	1,6832	1,9283
109,0	41,63	532,80	211,3	434,53	520,84	1,6939	1,9198
110,0	42,43	517,44	224,3	439,22	517,31	1,7058	1,9096
111,0	43,25	498,62	240,6	444,66	512,73	1,7195	1,8967
112,0	44,08	473,00	263,8	451,59	506,12	1,7371	1,8787
113,0	44,94	423,71	311,3	463,90	492,61	1,7685	1,8429

Calculated by Refprop version 10.0

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revised 09.01.2020

TEGA – Technische Gase und Gasetechnik GmbH
 Werner-von-Siemens-Straße 18
 97076 Würzburg | Germany
 www.tega.de

Geschäftsführer: Dr. Jürgen Zöllner
 Sitz: Würzburg - Registergericht: Würzburg, HRB 21
 USt-IdNr.: DE 811145437

Deutsche Bank Würzburg

Telefon +49 931 2093-0
 Telefax +49 931 2093-101
 Email: info@tega.de

IBAN: DE707907001600202804 00
 BIC: DEUTDEMM790