

Liquid-Ethane, Temperature-Pressure-Density

Temp (F)	Pressure (psia)	Density (lbm/ft3)	Temp (F)	Pressure (psia)	Density (lbm/ft3)	Temp (F)	Pressure (psia)	Density (lbm/ft3)	Temp (F)	Pressure (psia)	Density (lbm/ft3)
0.0	219.22	27.35	22.5	304.02	25.75	45.0	410.61	23.83	67.5	542.87	21.24
0.5	220.89	27.32	23.0	306.14	25.71	45.5	413.25	23.78	68.0	546.14	21.17
1.0	222.57	27.28	23.5	308.27	25.68	46.0	415.90	23.73	68.5	549.42	21.09
1.5	224.26	27.25	24.0	310.41	25.64	46.5	418.57	23.68	69.0	552.72	21.02
2.0	225.96	27.22	24.5	312.56	25.60	47.0	421.25	23.63	69.5	556.04	20.94
2.5	227.66	27.18	25.0	314.72	25.56	47.5	423.95	23.58	70.0	559.37	20.87
3.0	229.38	27.15	25.5	316.90	25.52	48.0	426.66	23.54	70.5	562.72	20.79
3.5	231.11	27.12	26.0	319.08	25.48	48.5	429.38	23.48	71.0	566.09	20.71
4.0	232.85	27.08	26.5	321.28	25.44	49.0	432.11	23.43	71.5	569.47	20.63
4.5	234.59	27.05	27.0	323.48	25.40	49.5	434.86	23.38	72.0	572.86	20.55
5.0	236.35	27.02	27.5	325.70	25.36	50.0	437.61	23.33	72.5	576.28	20.47
5.5	238.11	26.98	28.0	327.93	25.32	50.5	440.39	23.28	73.0	579.71	20.39
6.0	239.89	26.95	28.5	330.17	25.28	51.0	443.17	23.23	73.5	583.15	20.30
6.5	241.67	26.91	29.0	332.42	25.24	51.5	445.97	23.18	74.0	586.62	20.22
7.0	243.46	26.88	29.5	334.68	25.20	52.0	448.78	23.12	74.5	590.10	20.13
7.5	245.27	26.84	30.0	336.96	25.16	52.5	451.61	23.07	75.0	593.60	20.04
8.0	247.08	26.81	30.5	339.24	25.12	53.0	454.45	23.02	75.5	597.11	19.95
8.5	248.90	26.78	31.0	341.54	25.07	53.5	457.30	22.96	76.0	600.64	19.85
9.0	250.73	26.74	31.5	343.85	25.03	54.0	460.16	22.91	76.5	604.19	19.76
9.5	252.58	26.71	32.0	346.17	24.99	54.5	463.04	22.85	77.0	607.76	19.66
10.0	254.43	26.67	32.5	348.50	24.95	55.0	465.94	22.80	77.5	611.34	19.56
10.5	256.29	26.64	33.0	350.84	24.91	55.5	468.84	22.74	78.0	614.94	19.46
11.0	258.16	26.60	33.5	353.19	24.87	56.0	471.76	22.69	78.5	618.56	19.36
11.5	260.04	26.56	34.0	355.56	24.82	56.5	474.70	22.63	79.0	622.20	19.25
12.0	261.93	26.53	34.5	357.93	24.78	57.0	477.64	22.57	79.5	625.86	19.14
12.5	263.84	26.49	35.0	360.32	24.74	57.5	480.61	22.52	80.0	629.53	19.02
13.0	265.75	26.46	35.5	362.72	24.69	58.0	483.58	22.46	80.5	633.22	18.91
13.5	267.67	26.42	36.0	365.13	24.65	58.5	486.57	22.40	81.0	636.94	18.79

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14.0	269.60	26.39	36.5	367.56	24.61	59.0	489.57	22.34	81.5	640.67	18.66
14.5	271.54	26.35	37.0	369.99	24.56	59.5	492.59	22.28	82.0	644.42	18.53
15.0	273.50	26.31	37.5	372.44	24.52	60.0	495.62	22.22	82.5	648.19	18.40
15.5	275.46	26.28	38.0	374.90	24.48	60.5	498.67	22.16	83.0	651.98	18.26
16.0	277.43	26.24	38.5	377.37	24.43	61.0	501.73	22.10	83.5	655.79	18.11
16.5	279.41	26.20	39.0	379.85	24.39	61.5	504.81	22.04	84.0	659.62	17.96
17.0	281.41	26.17	39.5	382.35	24.34	62.0	507.90	21.97	84.5	663.47	17.80
17.5	283.41	26.13	40.0	384.86	24.30	62.5	511.00	21.91	85.0	667.35	17.63
18.0	285.42	26.09	40.5	387.38	24.25	63.0	514.12	21.85	85.5	671.24	17.45
18.5	287.45	26.06	41.0	389.91	24.20	63.5	517.25	21.78	86.0	675.16	17.25
19.0	289.48	26.02	41.5	392.45	24.16	64.0	520.40	21.72	86.5	679.10	17.04
19.5	291.53	25.98	42.0	395.01	24.11	64.5	523.57	21.65	87.0	683.06	16.81
20.0	293.58	25.94	42.5	397.58	24.07	65.0	526.75	21.58	87.5	687.05	16.55
20.5	295.65	25.91	43.0	400.16	24.02	65.5	529.94	21.52	88.0	691.06	16.26
21.0	297.73	25.87	43.5	402.75	23.97	66.0	533.15	21.45	88.5	695.10	15.92
21.5	299.81	25.83	44.0	405.36	23.92	66.5	536.37	21.38	89.0	699.17	15.48
22.0	301.91	25.79	44.5	407.97	23.88	67.0	539.61	21.31			