R-452A PT Chart

Saturation pressure vs temperature · Safety class A1 · Blend

°F / psig
°C / kPa

°F and psig

°F	Liquid bubble, psig	Vapor dew, psig
-40	5.7	2.4
-35	8.3	4.7
-30	11.3	7.3
-25	14.6	10.1
-20	18.1	13.2
-15	22.0	16.7
-10	26.2	20.4
-5	30.8	24.5
0	35.7	28.9
5	41.1	33.7
10	46.9	38.8
15	53.1	44.4
20	59.8	50.5
25	66.9	57.0
30	74.6	64.0
35	82.8	71.4
40	**91.6**	**79.4**
45	100.9	88.0
50	110.8	97.1
55	121.3	106.9
60	132.4	117.3
65	144.3	128.3
70	156.8	140.0
75	170.0	152.4
80	183.9	165.6
85	198.6	179.5
90	214.1	194.3
95	230.5	209.9
100	**247.6**	**226.4**
105	265.6	243.7
110	284.5	262.1
115	304.3	281.4
120	325.1	301.8
125	346.8	323.3
130	369.6	345.9
135	393.4	369.8
140	418.3	395.0
145	444.2	421.6
150	471.3	449.8

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	39.0	16.4
-35	73.7	46.6
-30	114.8	82.5
-25	162.9	124.9
-20	218.9	174.5
-15	283.4	232.1
-10	357.3	298.5
-5	441.4	374.5
0	536.6	461.1
5	643.7	559.2
10	763.7	669.8
15	897.4	793.8
20	1045.8	932.3
25	1209.9	1086.6
30	1390.6	1257.8
35	1588.9	1447.1
40	1805.9	1656.0
45	2042.8	1886.1
50	2300.6	2139.2
55	2580.5	2417.3
60	2883.8	2723.4
65	3211.7	3061.4

Liquid = bubble point (use for subcooling). Vapor = dew point (use for superheat).
Rows every 5° plus the first and last row. Every degree is on the website.
Source: manufacturer and supplier charts (Chemours, Arkema, A-Gas). Reference only: always verify with the manufacturer's data and your gauges.