R-454B PT Chart

Saturation pressure vs temperature · Safety class A2L · Blend

°F / psig
°C / kPa

°F and psig

°F	Liquid bubble, psig	Vapor dew, psig
-40	9.5	8.4
-35	12.7	11.4
-30	16.2	14.8
-25	20.1	18.5
-20	24.3	22.6
-15	28.9	27.0
-10	33.9	31.8
-5	39.4	37.0
0	45.3	42.7
5	51.7	48.8
10	58.5	55.4
15	66.0	62.6
20	73.9	70.3
25	82.5	78.5
30	91.7	87.4
35	101.5	96.9
40	**112.0**	**107.0**
45	123.1	117.8
50	135.0	129.3
55	147.7	141.6
60	161.1	154.6
65	175.4	168.5
70	190.5	183.1
75	206.5	198.7
80	223.4	215.2
85	241.2	232.6
90	260.0	251.0
95	279.9	270.4
100	**300.8**	**290.9**
105	322.8	312.5
110	345.9	335.2
115	370.2	359.1
120	395.7	384.3
125	422.4	410.8
130	450.5	438.7
135	479.9	468.0
140	510.7	498.8
145	543.0	531.3
150	576.8	565.4

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	65.6	57.8
-35	106.9	97.3
-30	155.6	144.1
-25	212.8	198.9
-20	279.3	262.8
-15	356.2	336.6
-10	444.3	421.4
-5	544.8	518.2
0	658.6	628.1
5	787.0	752.2
10	931.1	891.6
15	1092.1	1047.6
20	1271.1	1221.5
25	1469.5	1414.6
30	1688.5	1628.3
35	1929.7	1864.2
40	2194.4	2123.9
45	2484.2	2409.1
50	2800.7	2721.9
55	3145.8	3064.4
60	3521.3	3439.4
65	3929.6	3850.2

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.